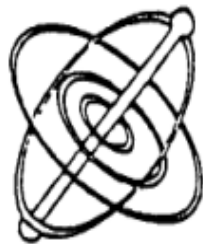


PROJECT STARDUST



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INTRODUCTION

Project Stardust is an economically feasible, global plan to save our Earth's dying ecology. Stardust has developed over the last thirty years through the dedicated efforts of a team of interdisciplinary researchers, spearheaded by physicist Lloyd Zirbes.

After extensive research, the Stardust team has concluded that our planet's ability to sustain life is in a far more precarious situation than we are being led to believe. The team has made the startling discovery that many of the world's most threatening environmental problems stem from the same source.

Generally unknown to the public and mainstream scientific community, many thousands of tons of unstable, high-velocity, sub-atomic particles are released into the environment each day by nuclear and electron theory based technologies such as nuclear power, nuclear weapons testing, and our everyday electrical, radio, and microwave transmissions, to name a few. The accumulation of these mass particles in the Earth's magnetosphere is causing the Earth's radiation belts to literally "shear" and "slip," creating the potential for a sudden global catastrophe of unprecedented proportions.



This accumulation appears to be the primary cause of our increasing ozone depletion, global warming, droughts and earthquake, tornado, and volcanic activity.

The work of Stardust is based on a revised model of physics which corrects many flaws in the theories and laws of the current model.

On this foundation Stardust researchers have devised new technologies which, remarkable as it may seem, will accomplish the following:

- The 100% restoration of our depleted ozone layer;
- The elimination of acid rain, air and water pollution;
- The neutralization of radioactive waste;
- The conversion of salt water to fresh water, quickly and efficiently;
- The prevention of drought and the reversal of global warming;
- The total elimination of unstable, high velocity, subatomic particles from the Earth's magnetosphere.

Project Stardust is now reaching out to expand its grass roots support group, which will take the lead in the financing and implementation of these technologies as swiftly as possible. It is Project Stardust's intent to make this technology available for the benefit of all.



A BRIEF HISTORY

The director of Project Stardust is a physicist named Lloyd Zirbes. In 1960, Lloyd performed a review of the accepted laws of physics for his Ph.D. thesis. This led him to test a long-cherished assumption of Galileo's that states "all falling bodies accelerate at the same rate." To this day Galileo's assumption has been accepted as a basic tenet of applied physics.

After some initial gravity tests where balls of different weight and elements were dropped from a two hundred foot water tower, Lloyd and his associates found slight discrepancies from expected acceleration rates which were intriguing but inconclusive. These discrepancies motivated the group to continue many more tests from higher and higher elevations. They concluded with a series of drops into a two thousand foot deep open quarry. Factors such as wind currents, updrafts, aerodynamics, lunar winds, human and mechanical error and most importantly air resistance, were carefully considered and compensated for.



After two years and thousands of tests, there could be no mistake, Galileo's assumption was incorrect! Falling bodies do not accelerate at the same rate! Earth-shaking could only describe the significance of this finding. It meant that the technologies derived from applied physics were far more inefficient and hazardous than necessary. it would lead to a completely new look at the laws of nature. For the first time in history we would understand nature.in its true light, from the subatomic to the universal.

With great excitement Lloyd's team sent out their findings to noted physicists and universities, but to their amazement, no one responded. Lloyd's professors had warned him of this. Since his first gravity tests, they had urged him to discontinue or else he would not receive his Ph.D., saying his work was too controversial.

In Lloyd's words, "Science is supposed to be a search for the truth, not protection of the status quo, and yet, I had run up against the ultimate 'old boys' network." This network is supported by vested interests in the Military/Industrial Complex, which provides funding only for projects that help keep this old boys network alive.

Lloyd's findings, which would eventually prove the obsolescence and deadly nature of nuclear technology,



obviously did not fit into the goals of this network. The few physicists who have dared to teach Lloyd's work have lost their jobs, and these findings have remained effectively silenced to this day.

Through thousands of hours of study, Lloyd came to formulate a logical and mathematically complete theory that explained the results his team had found in their gravity tests. Unlike so many currently accepted theories of physics, it worked without the use of unwarranted assumptions, "fudge factors", open parameters, and adjusted dimensions. Continued mailings throughout the scientific community were ignored.

A MULTI-BODIED SUN

In 1965, Lloyd turned his studies to the sun. It was (and still is) commonly held that our sun is a huge thermonuclear fusion reactor. This assumption is popular because it supports the notion that nuclear energy is somehow natural, and therefore safe. Knowing this assumption to be based on the old incorrect laws regarding falling bodies and gravity, Lloyd carefully reexamined all the available solar data.



It took years of continuous, penetrating study but from the stable foundation of physics and operational math which he had developed, it became apparent that the sun is not the huge nuclear reactor proposed by established science, but merely a mechanical system. This system is comprised of not one, but of hundreds of thousands of bodies. These bodies, ranging in size from the Earth at the Sun's outer edge, to Jupiter at its core, spin and rotate around a central axis at extremely high velocities. It is their violent magnetic and gravitational interaction which causes the sun and all other stars to generate energy.

These findings were again sent out, and to Lloyd's disbelief were again ignored, perhaps more significant is that his findings -- even from the beginning -- were never challenged.

CRIB DEATH, CHILD LEUKEMIA, AND ELECTRICITY

For years Lloyd continued to study gravitation and man-made magnetic fields. He became increasingly aware of how deeply flawed our electron and nuclear theories are, and increasingly skeptical of the technologies they support. To test his suspicions, he conducted a long term study of the effects of man-made electromagnetic fields on living



creatures such as earthworms, rodents, chickens, and plants. The results were strange and horrifying. Lloyd researched our commonly used electrical systems and found in them the long-sought primary cause of crib death, child leukemia, and other diseases. He observed previously unsuspected danger to anyone living near an electrical transformer or radio transmitting station. Again mailings were sent out -- this time to power companies, government agencies, and educators -- but no constructive response or action was initiated.

THE GRAVITY GENERATOR

By now it was 1978. If our sun is a mechanical system, Lloyd reasoned, it should be possible to build a working model of its natural method of generating energy. So, with his experience as an R & D engineer in the Aerospace Industry, Lloyd decided to build such a model. When completed, his device would be able to produce its own gravitational field, and so it was called a gravity generator. Although there are several currently known methods to theoretically produce an "anti-gravity-like" effect, including the use of sound waves, lasers, and electromagnetism, never in the annals of science has such a device been built. If successful, it would provide corroboration of Lloyd's previous work.



After several years and many thousands of hours of research and development, the moment had arrived. In the middle of Lloyd's shop sat a device 3 feet in diameter, composed primarily of aircraft aluminum. Lloyd energized the device, and instantly everything in the shop went into motion. All of the shop's unsecured machines and objects were swept up toward the ceiling, as was Lloyd. A virtual whirlwind was created which lasted several seconds, at which point the gravity generator (also in motion) rose high enough that its power cable was disconnected. Instantly everything fell to the ground, including Lloyd, who was hit by falling machinery and fractured several vertebrae. After crawling out from under the wreckage of the shop, he was able to stop a passing motorist who took him to the hospital, where he remained for eight weeks.

During his recuperation, Lloyd designed a companion unit, an electrical generator. He realized that this electrical generator was indeed a new energy source which could provide a viable alternative to our dependence on fossil fuels and nuclear energy for a fraction of the cost.

Unlike nuclear energy with its less than 1% efficiency, this electrical generator was at least 500% efficient, pollution-free, and with no danger of melt-down,



radioactive waste, or the hazards previously mentioned. Importantly, both machines were harnessing only natural, energies which occur spontaneously throughout nature. The nuclear technology we use literally rips apart the fabric of physical nature and must ultimately be rejected by any intelligent society.

SPACE TRAVEL

On further analysis Lloyd realized that this gravity generator could be developed into the ultimate propulsion system for spacecraft -- far in advance of anything considered by NASA or any other of the world's space programs and far safer.

Inspired and excited by the incomparable benefits this technology could afford humankind and our Earth's dying ecology, Lloyd redesigned the gravity generator. He would use this improved device as a demonstration model with which to secure the financing to build a craft. This craft, he calculated, could fly up to one-half the speed of light.



DESTRUCTION OF THE GRAVITY GENERATOR

Lloyd returned from the hospital only to find his shop had been destroyed by fire. All of Lloyd's records and equipment he had gathered for so many years were gone. The police assumed arson, and since phosphates had been used to start the fire, it was clearly a professional job. Who did this? Why would anyone want Lloyd to discontinue his research?

In the seven years since the destruction of the gravity generator, Lloyd has continued to develop this technology and its applications to the greatest ecological problems of our time. The following material offers further elaboration of his work. It is the goal of the Stardust Team to gather the resources and people necessary to implement these technologies before our planet crosses the point of no return.

To find out what you can do, please contact:

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P.O. Box 1664
Topanga, CA
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Thank you for your participation.



Project Stardust

Priority Operations

Introduction :

The following pages contain a partial listing of some of the major operations planned by the Stardust Team, and a brief discussion of each. They are arranged in order of their importance to the planet earth, and hence to all of us. This chronology is not concrete, but in our view it represents the best possible order in which to proceed. Many of the less vital technologies (the majority are not listed here) will be undertaken more or less simultaneously by various departments of the future non-profit corporation as that entity takes root and grows.

While going through the operations outlined on the next few pages it would be well to keep in mind that we have rejected venture capital time and again, and will continue to reject it. The reality of the status of the body of earth presents a critical and immediate danger to us all, but also the reality of what some call human nature - the lust for power and greed - is a danger. The responsibility we feel towards the inhabitants of this world is very real, and we are often torn between the knowledge that action must be taken soon, and offers of investment which would save the world but would leave its peoples vulnerable to enslavement. Those who control these technologies will control this planet. Our mandate demands that it be the People who control the technologies. As temporary and unsought trustees of this knowledge, we must take great care in seeking funding and building a structured organization. For this reason we must place limitations on investment opportunities, and in so doing we hope to safeguard the rights of the People, whose inheritance we temporarily control. If this position is offensive to some, it cannot be helped. The technologies which follow belong to all of Earth's children, and they will be used to benefit all. This is our only demand.



OPERATION BEE

Operation Bee is concerned with the structuring of an air and space craft. This operation will begin with a demonstration model of the main drive of the craft, which is the unit we refer to as the gravity generator. This demonstration model will prove the theory of operation to be correct, thus allowing fund-raising efforts to proceed rapidly. It will also provide data which is required to enable the design and construction of a prototype craft. This craft will commence as soon as funds are available.

The sum required to construct a gravity generator depends largely upon what metal-working machines may be available vs. which need to be purchased. A recent estimate of the worse case scenario (i.e., all new materials and the machine work farmed out) was \$35,000-\$50,000, depending on machine shop hourly rates in a given locale.

Using data gathered from the operation of this demonstration model, a 35-foot prototype craft will be developed and constructed. These craft must possess a life support system to allow manned space flight, and also must possess a renewable power source (see Operation Firefly). The engineering cost of this proto craft has been estimated to be in the neighborhood of ten million dollars.



With the completion of this prototype, full scale production of these craft must proceed swiftly, for with the development and addition of the barrier device (see Operation X), these units will be able to screen dangerous particles from the severely overburdened magnetic fields of earth and restructure these particles into stable, useful elements. Without Operation Bee, planet Earth will surely die, and so it is our highest priority for development.

While efforts proceed on the environmental front, thought can be placed on the almost endless potential of Operation Bee, whose primary impact will be the revolution of all systems of transportation. These craft will eventually replace all current cargo and passenger carriers and they will do so in a safe, clean, and efficient manner. Our current space program will take on a new dimension as these craft will easily, swiftly and safely explore our solar system. With possible velocities of up to 90,000 miles per second, investigators and vacationers alike will enjoy ready access to all areas of our solar system.

Operation Bee offers a craft which requires no fuel, little maintenance, no special landing/take-off facilities, and can safely deliver substantial tonnage anywhere in the solar system within hours. We expect a smooth and rapid transition from current methods of



transportation to the exclusive reliance on these superior craft.

Operation Firefly

As humanity makes the transition from old and destructive ways of doing things to new, nature based methods, large amounts of electrical energy will be needed to meet the power needs of all the people of planet earth. This power will be provided without the consumption of fossil fuels, the use of high lines, large transformers, and meters, and most especially without the deadly use of nuclear fission. Operation Firefly represents one of our options in achieving this goal.

These units will be very versatile, and can be constructed as small, portable generators, or if required a large unit capable of supplying the needs of a town or small city could be built. These electrical generators will easily achieve 500% efficiency, and can readily be designed to meet the power needs of the craft spoken of under operation Bee.

The theory of operation behind Firefly represents an improvement and enhancement of Faraday's generator - possible only through understanding what Faraday did and why it worked.

An experimental/demonstration model will cost roughly \$ 10,000 for initial construction. Thereafter, portable 3,000 watt units could be mass produced at a cost of around \$ 450. each. These would have a 100% duty cycle and would require approximately five minutes of maintenance per year. Initially the largest market for these would be among manufacturers of R.V.'s, rural



dwellers, etc.- in short, anywhere a portable source of electricity would be advantageous.

Operation X

To place planet earth back into a natural balance, the many tons of unstable particles thrust upon the magnetic fields of earth through the ignorant use of misunderstood technologies must be collected and reassembled into stable elements. Operation X represents the most reliable method of accomplishing this task. To be used in concert with the craft of operation Bee, this barrier device composed of unique compounded windings on a compound circular core will be energized by the emissions of the craft. Through a process too complex to discuss here, this device will transform gravity produced by the main drive of the craft into an impenetrable barrier of plasma, which may then be manipulated to produce the desired effect.

The cost of developing operation X could well be upwards of seven million dollars, with production costs near \$ 1,000,000 per unit. This will be our most costly venture by far, but without it the craft will be unable to counteract the effects of humankind's foolish bout with disruptive technologies. Because of the close bond between operations X, Bee, and Firefly, we will make every effort to see that they are developed simultaneously. Enough time has already been lost, and not another moment can be spared.



Operation GIZA

Even before the onslaught of anti-nature technologies, many acres of earth have suffered from insufficient rainfall. Now, due to the use of these deadly technologies, desert areas have and will continue to expand at an ever progressive rate. Knowledge of the dynamics which create rainfall has allowed our team to devise a method of controlling the factors which produce rain.

Operation GIZA represents our method of accumulating natural, earth produced gravity and using it to disrupt shells of earth's magnetic field which are too heavy and slow moving to allow breakage to occur. As earth's magnetic field becomes ever more burdened with particles released through misbegotten technologies, this method will need to be applied on a larger and larger scale. GIZA is not the solution to our long term problem, but it is a necessary stop-gap measure if we hope to survive the unnatural disaster which is now upon us.

A small, functional GIZA unit for the purpose of experiment and demonstration will cost in the area of \$ 30,000. For measurable results at least three units should be used in conjunction with each other, and between them they should provide drought relief over a 2,000 mile span. Under full production, manufacturing costs would be less than \$ 10,000 per unit. Due to the potential for unethical and/or uncoordinated use of this system, it would probably be advisable to plan on vending this service.



Operation Echo

The research phase of a new communication system is complete, and it now awaits development. Operation Echo is not based on the electron theory, but rather on our knowledge of gravity. This system of transmitting intelligence is therefore extremely efficient and safe to use.

A 10,000 watt transmitter will easily cover the entire planet and beyond. For communications within this solar system, no satellites are required. This system will be very reliable, offering little if any distortion. Receivers currently in use will be readily adaptable to the new system, requiring only the addition of new antennae.

The cost of developing operation Echo through the experimental phase would probably be near \$ 35,000. Thereafter, low powered units could be mass produced at a cost of around \$ 50 each. During the initial transitory phase, it would probably be most prudent to simply provide communication services as a vendor. As time goes on, however, this system will be adapted to meet all of the communication needs of the people of planet earth, and will be made available to each and every household.



Operation Blossom

Ongoing experimentation during the mid 1970's with oscillating magnetic fields of varying frequencies proved that genetic change can be produced in both plant and animal life through prolonged exposure to such a field. We have also found that oscillating magnetic fields with concise, consistent values produces a consistent result, which is then carried on into subsequent generations. Operation Blossom will concern itself with the development of plant life which is genetically resistant to drought, disease, and temperature extremes. The systematic depletion of the "gene pool" has caused alarm among those working with hybridization of basic food crops, yet efforts currently underway to preserve these precious genes are inefficient and probably won't work. Operation Blossom offers a viable solution - the creation of new genes by the same method employed by nature - interaction with magnetic fields.

This operation will quickly become one of the most heavily funded of all those planned by our team, for as we well realize, the citizens of this planet are facing some very difficult years - even if clean up operations were begun today. The grim fact of famine becomes more widespread each year, and it will continue to spread as earth reacts to the injuries she has suffered. It is our firm belief that no truly civilized world allows its citizens to starve to death, and so operation Blossom is a high priority both now and for the future.



Operation Coral Reef

Technologies currently used by industry and the military have turned the waters of this planet into a large cesspool. Many have died as a result, and many more will sicken and die. Either science has not yet realized this fact, or they once again cover up the facts, but regardless, the fact is that our waters - both above ground and sub-soil - are becoming increasingly poisonous to the life which depends on it.

Operation Coral Reef will apply knowledge of gravity and sub-atomic mass particles to the development of a unit specifically designed to restore the health and balance of our precious waters. Through a different application of the theory behind operation X, we will create a system which will be capable of reducing water to its singular elements. Hydrogen and oxygen in their pure state will then be recombined, and dangerous contaminants left behind in this process will be disassembled into benign particle systems, and then restructured into stable, useful elements. This operation requires further research before moving into the development stage, but the theory is sound, and is not complex.

Due to the research required, initial costs of operation Coral Reef will be high, but the cost of not developing it will be higher still, for without water, life cannot exist.



Operation Lodestone

To supply electrical energy to larger entities such as cities and industries, a permanent structure will be needed. The system represented by operation Lodestone will employ atmospheric electrical flows from the magnetic fields of planet earth, augmenting natural earth frequencies and resonances. This system requires no mechanical moving parts, and so will not only be a very safe system, but also will be virtually maintenance free and long lived. Once again, no high lines or large transformer stations are needed, which further enhances the safety of this system.

To design and construct a low wattage unit for experimentation and demonstration purposes could be accomplished for \$ 10,000. In mass production each unit would cost roughly \$ 1,000 to construct.



Operation Nightengale

All creatures which have evolved on planet earth have done so in accordance with the natural influence of earth's magnetic fields. Through the eons, the magnetic fields of earth have shifted suddenly and dramatically. Creatures which could not adapt themselves to the change became diseased, sterile, or simply died out. Due to the use of killer technologies, humankind has succeeded in drastically altering the values of earth's magnetic fields, and as a result we are out of tune with the frequencies produced by our planet. This will cause increasing incidences of new disease, immune system malfunction, and confusion to thought processes - and all of earth's creations will be affected.

Operation Nightengale builds upon an understanding of the continuous interactions of living things with magnetic fields, and the dynamics involved in this interaction to develop and apply new and safe methods of treating illness and injury. This field is wide open to experimentation and research, and experiments conducted by our team in the 1970's have laid the groundwork. Initial and ongoing costs for this operation will be high, but the fruit it will bear will be a bargain at any price.



Operation Equinox

To state the facts most clearly one could simply say that gravity is heat, and that the concentration of gravity in a given area is the factor which determines temperature. Operation Equinox concerns itself with controlling the concentration of gravity in a given area in order to control the temperature in that area. The key to this technology lies in our ability to affect the velocity of particles of mass, which all contain gravity. If we desire to heat a building, for example, we must only decrease the velocity of particles within a magnetic field. As these particles slow, they become more condensed and so require less space. Space (gravity) is therefore expelled, and gravity is heat. To cool a building the process need only be reversed.

The Equinox unit will replace all current dangerous and inefficient methods of heating/cooling with a system requiring no burning of fossil fuels, strange chemicals, or heavy uses of electricity. To design and construct an experimental unit will cost approximately \$ 65,000. In mass production each unit can be built for under \$ 2,000, and will be best suited for outright sale.



Operation Elephant Ear

No advanced, intelligent, logical, thinking beings would bombard their citizens and environment with minute particles of mass as earthlings still do through the application of electron theory based communication systems. Their method of communicating would be very similar to that described in operation Echo.

A logical procedure to follow in searching for intelligent life beyond our small neighborhood would therefore begin with an attempt to receive their transmissions. Once this was accomplished and something was known about their cultures, operation Echo would allow a dialogue to be established between their peoples and ours. Should there be advanced civilization "out there" who are, as some maintain, aware of and interested in earthlings, then operations Echo and Elephant Ear should signal these groups that our people have at last "come of age".

This is not a priority operation as regards the survival of our planet in this time of crisis, but due to its social implications we plan to pursue its development rather early on in our program. We've estimated the cost of constructing a suitable antennae system, the needed amplifiers, and an audio/visual display system to be approximately \$ 100,000. We judge this to be a miniscule sum to invest when compared to the potential wealth of information which could be gained through contact with civilized beings.



OLD WORLD MATH

It is common knowledge that Mr. Einstein spent much of his life attempting to mathematically formulate unity of all things, and that he failed in this noble effort. There are various reasons for this failure, and lack of full knowledge of the actions of free falling bodies was the primary reason. He lacked accurate data - he lacked facts - he was doomed to fail.

There is now such heavy reliance on the erroneous equation $E = mc^2$ by militarists in industry, politics, and science that questioning Einstein's very famous equation is viewed as an attack on their demi-god, and any "offender" is immediately attacked by those whose power and influence depends upon your continued trust in the promise of $E = mc^2$. In reality, this promise is a lie, and anyone who has examined this equation knows it's in error. This presents an obvious question: if it is in error, then why do they cling to it ? In our view it is like a root from which has grown a plant called science, technology, and nuclear energy. This plant in turn feeds a beast known as the military/industrial complex. Were anyone to unearth this evil root called $E = mc^2$, the plant would wither and the beast would starve. This is why no one dares question, and why the truth has remained hidden. To laymen we say - a lie quickly becomes complex, but the truth is clear and simple. We will now examine this jealously guarded root in the light of truth, and

let the reader decide where logic lies.

Einstein used ergs as his value for energy. An erg is a value taken from the centimeter-gram-second system of measurements.



Please take note of the term gram, which indicates weight. An erg is defined as : a unit of energy or work equal to the work done by a force of one dyne acting over a distance of one centimeter. From the start we can clearly see the "slippery" terminology

applied as an aid to confusing the issue (and safeguarding the root). Work, energy, and force are all equated. We ask, are they indeed all equal ? It would appear they are if "science" needs them to be, but is this the truth ? Let us continue working our way through this maze and see where it leads.

One erg is a very small unit, so present day physicists use joules to place a value of E (energy). One joule was declared to equal ten million ergs, but the question then was, is a joule potential energy (voltage) or is it work done (ampere flow) ? The congress decided the question by declaring one joule to equal one watt of power. We now find that one watt is equivalent to an electrical flow of one ampere, and one ampere is the same as one coulomb. A coulomb is, by definition, the passing of one ampere of current across a given point in one second, and placed in concrete figures, a coulomb is a movement of 6.28×10^{18} electrons. A single electron has an atomic mass unit value of 9.1095×10^{-31} kilograms. 9.1095×10^{-31} kilograms times 6.28×10^{18} electrons equals 5.708×10^{-12} kilograms. Science hopes you are completely confused by this time, but if we reduce this maze to a simple list, perhaps we will see more clearly.

10 million ergs = 1 joule

1 joule = watt

1 watt = 1 ampere

1 ampere = 1 coulomb



$$1 \text{ coulomb} = 6.28 \times 10^{18} \text{ electrons}$$

$$6.28 \times 10^{18} \text{ electrons} = 5.708 \times 10^{-12} \text{ KILOGRAMS}$$

What was Einstein referring to when he spoke of energy ? Weight ? To have weight there must be mass, and so Einstein's "E" is really mass, is it not ?

A quick glance at Einstein's m (mass) is all that's required to reveal the basic error. Once again we are dealing with kilograms as the unit of measurement. On the equator at the surface of earth, one gram of mass weighs one gram. That very same gram of mass in deep space will have a weight value of zero, while on the surface of Jupiter this gram of mass weighs 2.5 grams. In applying these values, we find that nuclear technology should not be functional in open space - yet it is. We also find that on the surface of the planet Jupiter, a nuclear warhead should yield a 250% greater reaction - yet it won't. Clearly, reliance on the weight of m (mass) leads to gross errors in calculations, and errors in calculating lead to errors in judgment.

We are told that in $E = mc^2$ Einstein sought to express the equivalence of energy and mass, and Mr. Einstein was as correct as limited facts would allow him to be. Energy and mass are equivalent, for "energy" IS mass. It is then explained that c^2 comes into play only because of the "traditional" manner in which physicists calculate energy and mass, c^2 is, in fact, a value more or less pulled out of thin air, with nothing to support it other than faulty calculations. Physicists know that it is equally correct to calculate on the basis of $E = m$, and to adjust the units of measurement to suit the situation. That this fact is avoided in favor of the astronomical figure



represented by c^2 (i.e.: 8.9874×10^{16} meters per second) should alert us to the fraud involved.



Even though the most vigorous nuclear reactions yield at most 1% of the promised energy, science holds onto the "carrot" of c^2 as the promise of the future. In truth, if one were to be really precise, this mere 1% could "be dissected into the various "quasi" concepts currently lumped under the heading "energy", and the lie would "become even more apparent. Science has not only

broken their promise - they have broken faith with the people.

In summation we should briefly address a question often put to us : if these technologies (electron/nuclear based) are wrong, then why do they function ? The answer lies in the work of Maxwell, Faraday, and the other classical, true scientists, who performed hands-on experimentation to determine what worked. Modern theoretical scientists took this work and attempted to build a theory which would explain why things worked. When the militarists found a theory which worked to their advantage, progress in this area was halted, and it remains stagnant to this day. Data which does not fit the theory is simply ignored, and dissident researchers silenced. Those who attack our findings

due to ignorance or fear of losing their power and influence must be reminded that Mr. Einstein, the guru of the atomic age, died trying to formulate unity. If he'd been satisfied with his original theory, then what was he looking for ?

Zirbes Enterprises
Project Stardust Team
June 1988



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NEW WORLD MATH

The equation which clearly and simply expresses the grand unification theory is $G = mv^2$, where G = gravity, m = mass, and v = velocity. In this short essay we will attempt to offer a brief explanation of this equation in hopes that our readers will then apply it to given specific situations. You will quickly see its validity.

In all of nature there exists but two forces : gravity and motion (velocity). Gravity is the force that causes motion, and motion in turn creates gravity. These two forces of nature are inextricably intertwined, yet they are also separate and distinct. Velocity pulls everything apart, causing expansion, while gravity pulls everything together, causing densification. Our universe is expanding, therefore, our universe is in the mode of acceleration. We say again - mass expands at the rate of velocity squared.

To form a mind picture of gravity we could visualize an empty bubble - a bubble which is an absolute vacuum. The size of that bubble is determined by two basic factors, namely, the size of the mass which produced it and the velocity of the bubble. Gravity, like mass, has a force value that increases or decreases at the rate of the distance squared, and there are also many other integral functions which we will not flirt with here. As

has been stated before, gravity is of two parts. The Project Stardust team simply refers to these two parts as gravity A (attractive force) and gravity B (repulsive force).



Gravity can be and is continuously being created. All falling bodies, from the smallest sub-atomic systems to the largest universal structures produce a repulsive force (see Theory of Falling Bodies I and II). The repulsive force (gravity B) is produced by particles of mass in the mode of direction change. The size of the bubble of gravity produced is directly proportional to the size of the particle and/or system that produced it. Two of the integral functions to consider are the velocity of the mass and the angle of directional change.

To understand gravity A, the attractive force, we must understand that mass expands at the rate of velocity squared. For mass to accomplish expansion it must accept "space". That space is gravity, and therefore, as velocity forces mass to expand, gravity moves in to provide the needed space. This inward movement of gravity tends to push the mass back together, and this action is seen as an attraction.

Placing mass into a universal equation is quite elementary, requiring only the elimination of the weight factor. Weight is nothing more than the inward push of gravity or the outward push of inertia. Because the weight value of a given quantity of mass varies from location to location (see essay Old World Math), it is a very arbitrary value. Indeed, weight is a factor only if you yourself are carrying it. To assign a consistent, workable value

to a given volume of mass one must therefore concentrate on the density of that mass. Should weight ever be a consideration it must be seen in terms of gravity or inertia acting upon the mass. Mass itself must be considered in terms of the density value of a given volume. We have found that the density of any given volume of mass is inversely proportional to the velocity



of the mass, ie., with an increase of velocity the mass density value will decrease.

In this short writing we will not attempt to explore in any detail the correlation between temperature and the velocity of mass, but will instead simply state our findings. Mass in the mode of acceleration "absorbs" heat. This absorption results in the creation of a cooled area. Mass in the mode of deceleration releases heat. This release results in the creation of a warmed area. This heat is gravity, and so temperature can also be understood through the application of the unity equation. Though this is not a vital point in this paper, it certainly bears a mention.

We have briefly examined gravity and mass and have determined that gravity equals mass at the rate of velocity squared. Now we must quickly explore the velocity factor, and hopefully all will then become clear.

To visualize velocity we can picture in our mind an unending spiral staircase. The landing of this stairway represents zero velocity. At zero velocity complete densification of mass has occurred - there no longer exists any elements, for elements require space. Space is gravity, and gravity requires motion. At zero velocity there is no gravity, without which our entire solar system would fit into a quart jar - with room to spare. This quart jar would possess a weight value of zero, for weight depends upon gravity or inertia, which in turn rely on motion. Each step of the stairway will now represent an increase in velocity of one meter per second. Each increase in velocity will have a given effect on the mass involved, and as the analogy of the stairway implies, the effect is constant.



Throughout any universe the effect of a given velocity on a given quantity of mass will always be constant. This constancy is the essence of a truly universal equation.

All things in nature are progressive or regressive at the rate squared, and therefore, the amount of space (gravity) contained in a particle or system of particles is directly proportional to the rate of velocity squared. The same can be said of distance, ie., all forces decrease or increase their value at the rate of distance squared. As you consider what has been said it is our sincere hope that you understand the implication of the simple

statement : mass expands at the rate of velocity squared. From this we deduce that as mass expands, space (gravity) is required, and that the amount of required space depends directly upon that velocity. Stated most simply :

$$G = mv^2$$

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Project Stardust Team
July 1988



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TESTS AND RESULTS

Introduction :

To understand the principles of unity it is imperative that the simple, basic tests which are outlined in the next few pages are completely understood. These were gravity tests, and were conducted at the site of an abandoned mine shaft in Northern Minnesota during the early 1960's. The shaft was two-thousand feet in depth, and the impact plane was monitored by a high speed 8mm camera. In the tests where balls of unlike elements were dropped for comparison, equal weights were achieved by hollowing out the centers of those heavier elements, thus ensuring each sphere was equal in circumference and therefore subject to equal air resistance.

Though our conclusions are founded on literally thousands of tests, we will here present only the most pivotal tests, the results of which are all easily verified by anyone who harbors doubts as to the accuracy of these results or the validity of our conclusions. The importance of the information contained within the following pages cannot be overstated, for in nature the actions of all falling bodies are dictated by the same rules, and this fact is the very essence of unity.



TEST ONE

Two iron balls of equal weight and size were placed six feet apart, and were then dropped simultaneously.

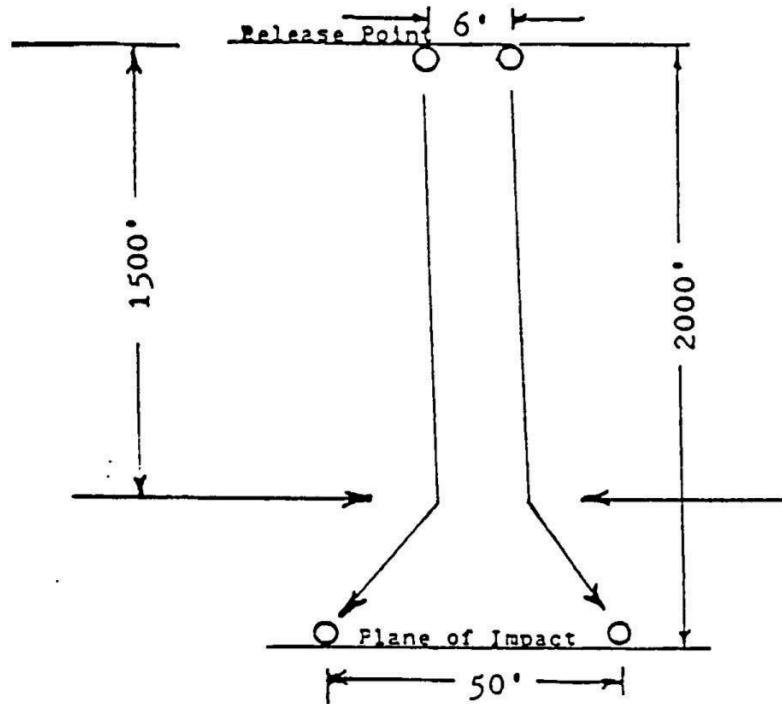


Figure One

RESULT

The camera clearly indicated that the iron balls impacted at the same instant. Examination of the impact plane showed the balls were fifty feet apart when they impacted.



CONCLUSION

Identical elements of equal weight and size accelerate at exactly the same rate of speed, and repel one another if dropped as individuals (i.e.: with ample space between them at the onset of the drop.)

TEST TWO

Four balls of equal weight and size but composed of different elements were dropped simultaneously.

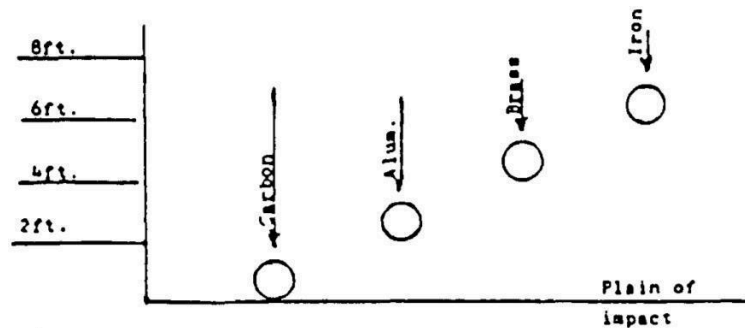


Fig. 2

RESULT

Each different element accelerated at a visibly different rate.

CONCLUSION

Different elements accelerate at different rates when falling through a given gravitational field.



TEST THREE

Twenty steel balls of equal weight and size were arranged in a pyramidal formation so that they were touching each other. They were then dropped simultaneously as a unit.

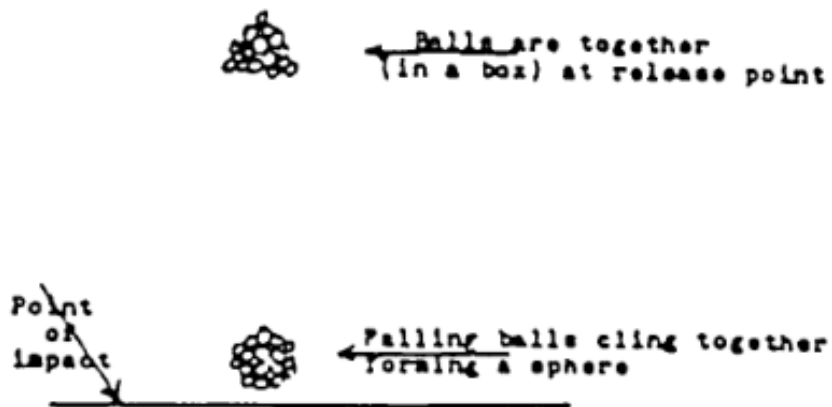


Figure 3

RESULT

The camera shots revealed that as the balls approached the impact plane they were still a unit, but had rearranged themselves from a pyramidal formation into a spherical shape.

CONCLUSION

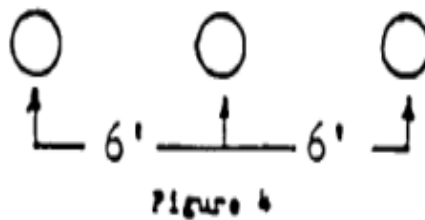
Individual bodies of like elements that fall in tight formation with other like bodies will always cling together and will always rearrange themselves into a spherical formation.





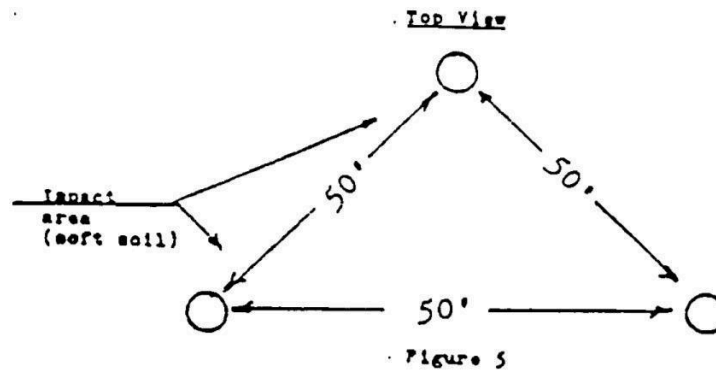
TEST FOUR

Three iron balls of equal weight and size were arranged as in figure four, six feet apart from one another, and were then dropped simultaneously.



RESULT

The arrangement of the balls upon impact is diagrammed in figure five.



CONCLUSION

Bodies of like elements that fall through a given gravitational



field as individuals drift away from each other at equal rates.



TEST FIVE

Twenty steel balls of equal weight and size were arranged and spaced one foot apart, as in figure six. The balls were then dropped simultaneously.

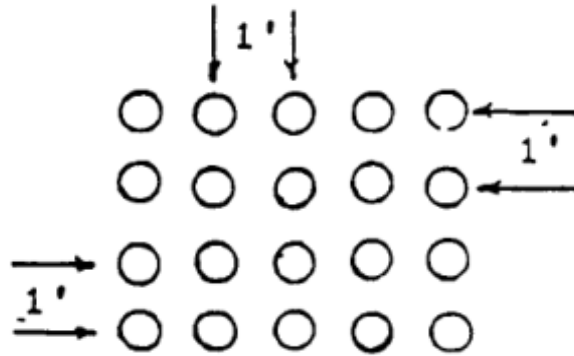


Figure 6

RESULT

Figure seven shows the arrangement of the balls an instant before impact as captured by the camera shot.

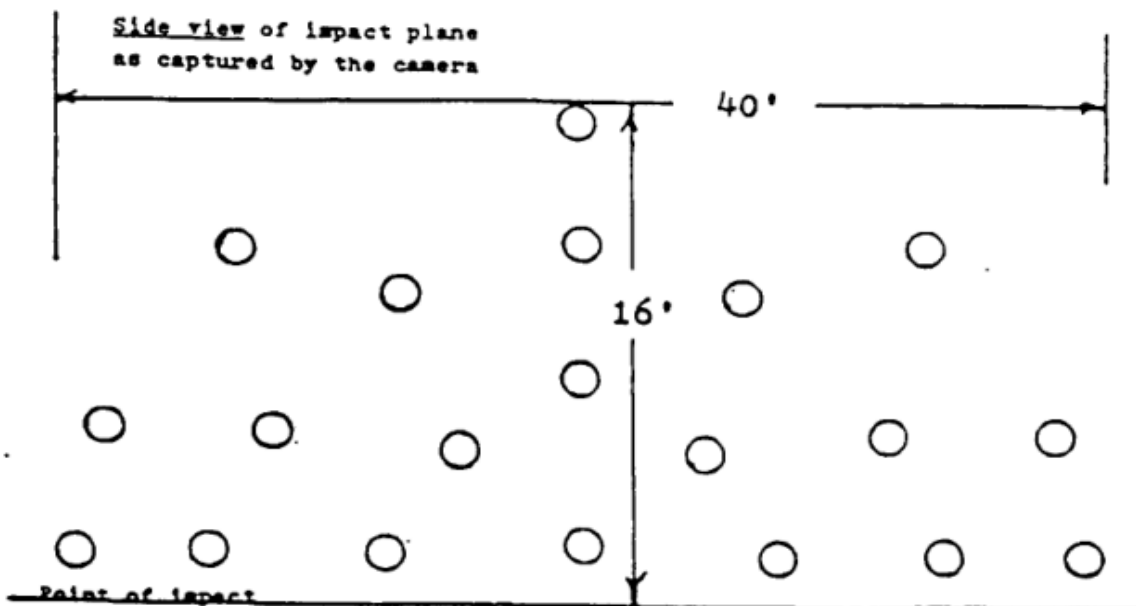


Figure 7



RESULT

Figure eight illustrates the placement of the balls from the top view upon impact.

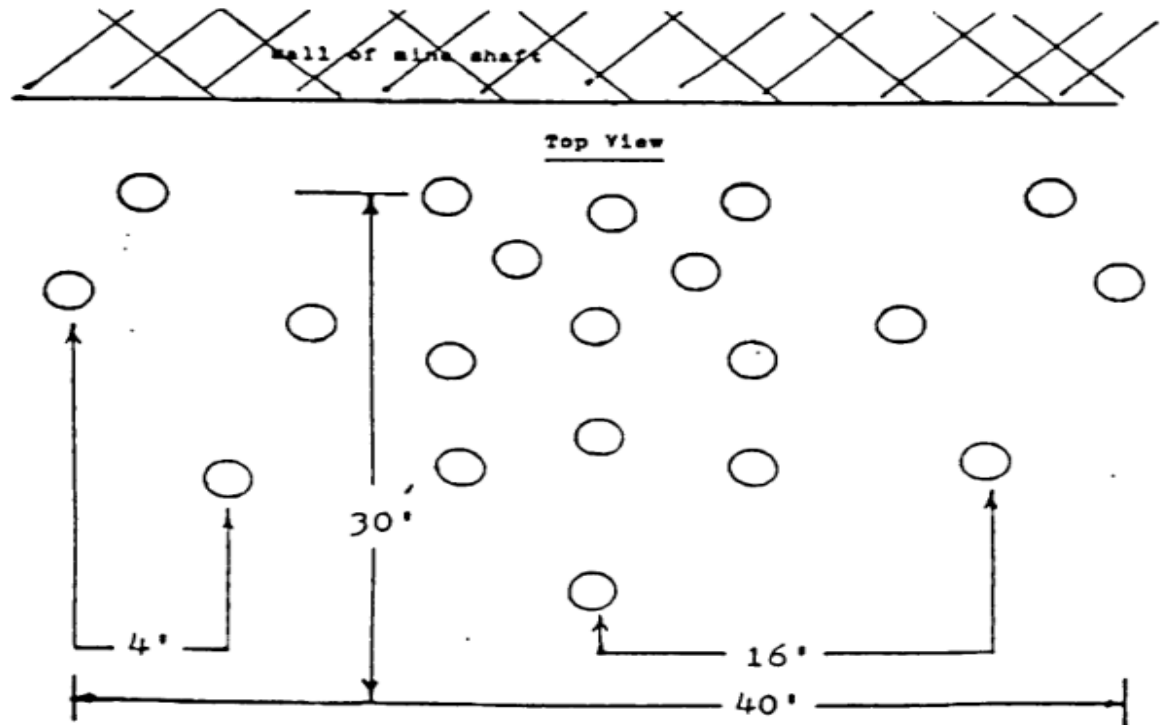


Figure 8

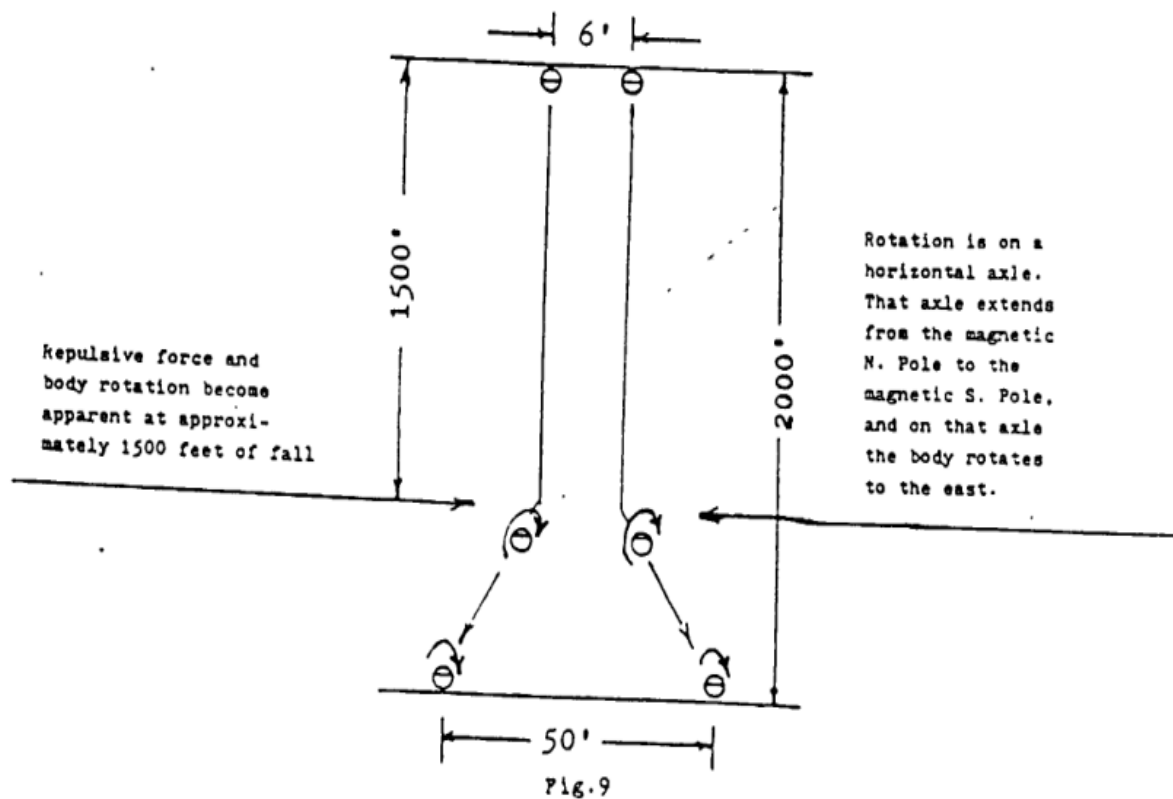
CONCLUSION

Individual bodies that fall as a mass in loose formation drift apart on a 360° horizontal plane and on an 180° vertical plane simultaneously.



TEST SIX

Two iron balls of equal weight and size were parted around the circumference as in figure nine. They were then placed in the dropbox so that the lines were exactly horizontal, and then dropped simultaneously.



RESULT

An instant before impact the camera image showed that the painted lines were no longer in their original position. After impact the two balls rolled away in the same direction.

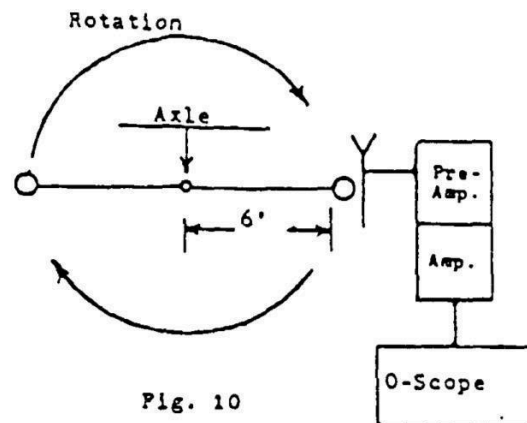


CONCLUSION

All bodies will develop a given rotation. This is true whether one speaks of a single body, a mass of bodies in loose formation, or a mass of bodies in close formation. These rotating bodies, if dropped as individuals (apart from each other) repel one another at equal rates.

TEST SEVEN

Iron balls of equal weight and size were suspended on six foot arms and were rotated in a clockwise direction, horizontally, around a pivot point. An antenna was placed in close tolerance to the circumference of the rotating balls. Attached to the antenna were very sensitive detection devices, which were in turn connected to an oscilloscope.





RESULT

The oscilloscope display showed donut shaped forms which appeared at the instant a ball passed the antenna, as shown in figure eleven. The o-scope appeared to not retain any stigmation.

Note : four single trace scopes were employed. The results shown in figure 11 were obtained by superimposing many drawings from the o-scope readings into a single illustration.

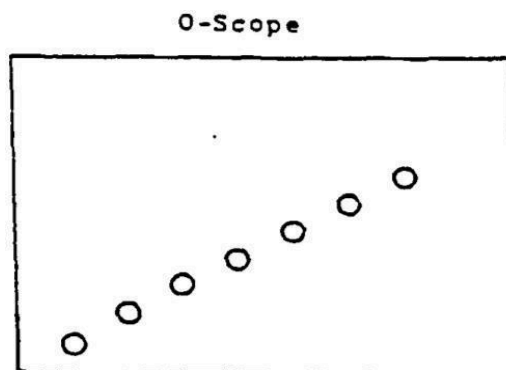


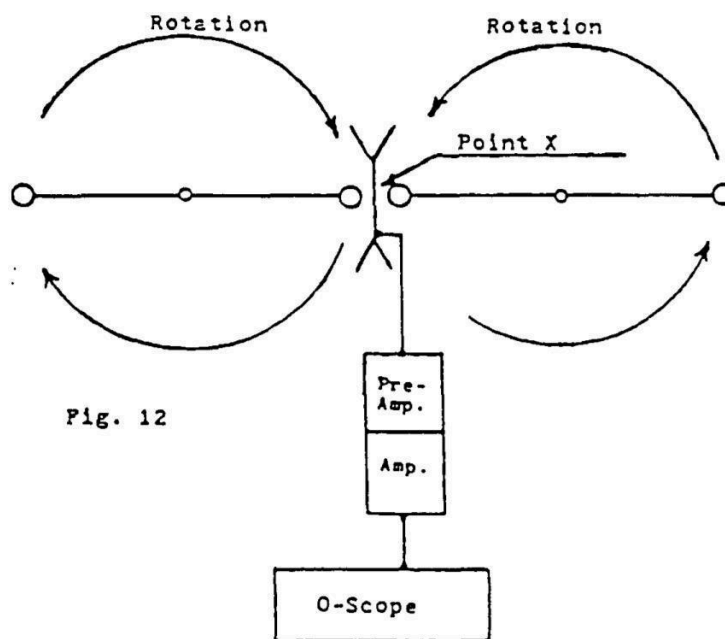
Fig. 11

CONCLUSION

A body in motion produces a field and/or force which appears donut shaped on an oscilloscope display. This field (and/or force) has not been identified by the scientific community to date.

TEST EIGHT

An identical apparatus to that used in test seven was constructed. The two units were placed parallel to each other and were timed so that as the arms rotated, the balls would pass within 1/4 inch of each other at point X.



RESULT

Each time the two balls met and passed each other at point X, a tremendous thump was heard as the test stand (a six inch diameter shaft mounted in concrete) physically reacted in a violent manner.

TEST EIGHT CONTINUED

RESULT

As the balls approached each other in their rotation the oscilloscope showed donut shapes as in test seven. At the instant the balls were closest to each other in their rotation the oscilloscope showed sine waves. As the balls again began to



move away from each other in their rotation, the donut shapes reappeared on the o-scope display, as shown in figure thirteen.

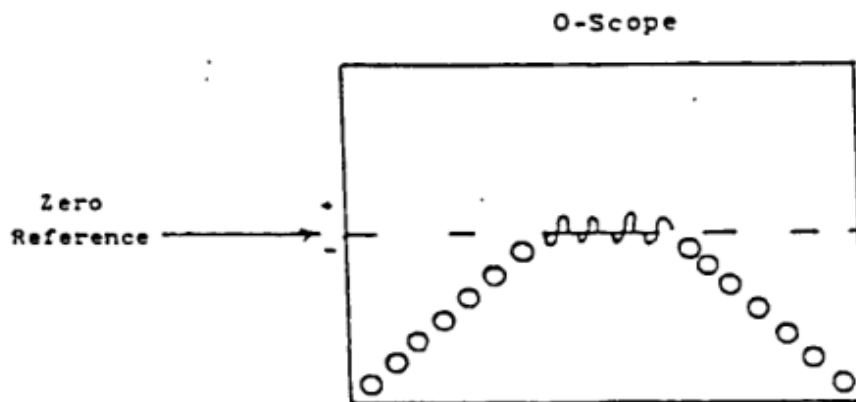


Fig.13

Note : four single trace scopes were employed. The results shown in figure 11 were obtained by superimposing many drawings from the o-scope readings into a single illustration.

CONCLUSION

The field (and/or force) which surrounds a body in motion repels the field (and/or force) which surrounds a second body in motion. The field (and/or force) that surrounds a body in motion produces an energy which is not polarized. It appears as a bubble (donut or circle) on an oscilloscope display. When this field (and/or force) is made to collide with the field (and/or force) that surrounds a second body, the bubbles break,



then unite with each other to produce polarized energy, i.e., sine waves.

NOTE

Test eight was repeated with many variations in the effort to isolate the cause of the "thump". During the course of these tests it was found that an increase in the distance between the two balls at point x would result in a decrease in the intensity of the thump. Even in a test where the balls came no closer to one another than six inches, however, the thump continued to be a notable factor.

In other variations of this basic test, many different RPMs were employed. It was found that the thumping increased progressively as the R.P.M. increased. It was then discovered that the intensity of the thumping became progressive at the rate of velocity squared, and that with an increase of the distance between the balls at point x the thumping decreased at the rate of distance squared.

COMMENT :

All of the tests and results presented in this section were run numerous times and under varying conditions, and the results are correct and reproducible. This means that Galileo's work with falling bodies - the cornerstone of physics - is faulty. Newton based his work on that of Galileo, as Einstein and those who've followed him have built on Newton⁽¹⁾. The inescapable conclusion is that "if" Galileo's laws are flawed, then the technologies upon which the societies of planet earth have



become dependent are based on faulty theory. As a first step toward correcting this situation these tests must be reproduced and a public debate initiated.

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INTRODUCTION TO THEORY

Our purpose here is not to write a text book on physics, but rather to present this theory in its simplest form, so it may be understood by layman and physicist alike. We will make no attempt to appease the scientific community in this presentation, as we know from long experience that they will reject the evidence of their own eyes, if that evidence should challenge what they have accepted as physical "law". In other words then, this paper will simply explain what is happening in our physical world and why. All of the mathematical calculations that go with the theory will be left for another, more appropriate time.

We will begin this discussion by stating that the force which unifies all things is motion, for without motion there is nothing, and we will then show the dynamics of a body in motion (falling body). From there we will enter into brief discussions on energy to mass conversion, mass to energy conversion, antimatter, and will summarize with a short explanation of the equation which unifies all things, i.e., mass, energy, and forces.

It is not an easy task to relearn physics, we know, but this theory has been tested and is correct, so it is well worth the effort to study this material carefully. If what is being said



is comprehended, the reader should be able to begin to apply the information to the earth in general, and to what is happening to the ionosphere in particular. Once atomic structure has been explained, the reader will also begin to see how, using technologies based on correct physics, we can repair the damage and place this planet back into its proper balance if we work together.

UNITY OF ALL THINGS

THEORY

We have already stated that motion is the catalyst by which all else exists. For this reason we refer to motion as the creative force. We will now further state that the four forces that have been identified by the scientific community are in reality one force in four of its different actions. This force manifests itself in different actions based on predictable conditions and its stage in a repetitious, wonderfully simple cycle called nature. Currently, due to the work of Fischbach and Aronson, the scientific community is speculating that perhaps all bodies do not accelerate at the same rate, but instead of backing up and questioning existing "law", these scientists are now busy hypothesizing that there is yet another force, which they have tentatively named hypercharge. We know this is not correct ! What they have stumbled upon is in fact no more than the unified force displaying its repulsive action. Our generic term for the unified force is neutral energy, and we will now attempt to show how it manifests itself in the physical world.



Falling Bodies

For the purposes of this paper, the term falling body is defined as any body which moves, or "falls" through a gravitational field. This includes all subatomic particles, solar systems, galaxies, universes, universal vortexes, and yet greater expanses. As indicated in our tests and illustrated below, a falling body produces about itself a force of extracted energy.

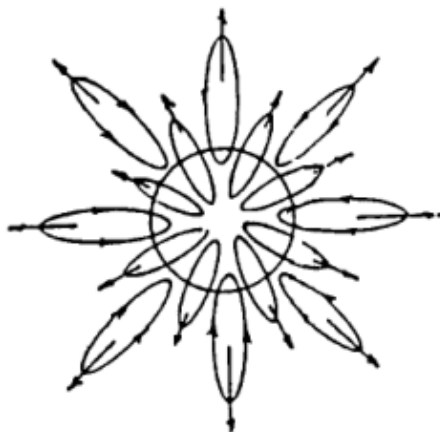


fig. 14

This extracted energy attempts to return to the body it's been extracted from. As shown in figure 14, this cycle produces a force around the body. The result is a gravitational field which will be felt as an attracting force by anything which exists within that field. As the arrows indicate, however, any body or thing which exists outside of this field will be pushed away (or repulsed) from the body. It must be understood that which is generically referred to as gravity is not always an attracting force.

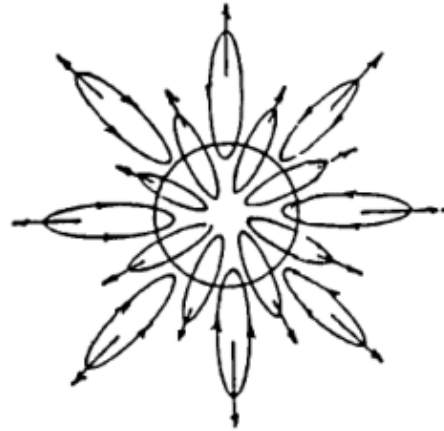


fig. 14

The major line of extraction of energy from a falling body is at the leading edge of the fall of that body, as illustrated in figure 15.

Energy is extracted at
the leading edge of the fall

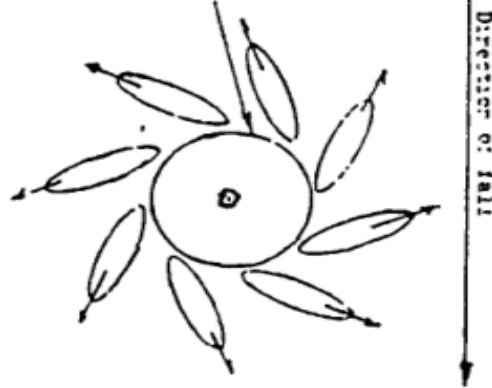


fig. 15

As has been indicated, the extracted energy attempts to return to the body it's been extracted from, however, motion at the rate of velocity squared will not allow this energy to return



to the body. This pressure or "pull" is felt by the body, causing it to rotate in the direction of the energy extraction, as shown below.

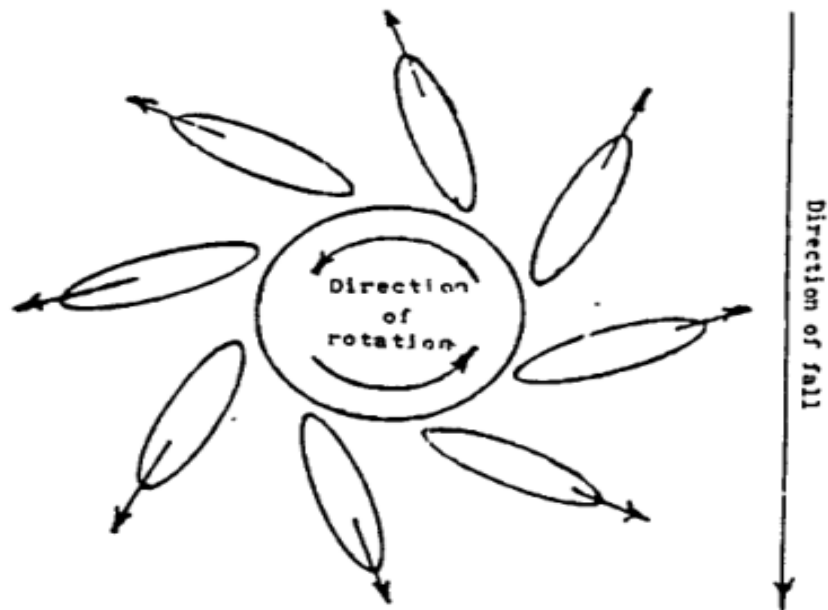


fig. 14

Size, velocity, composition of the body, and the value of the gravitational field the body falls through are all major factors in the rate of the rotation, for instance, the larger the body, the faster the rotation, and the greater the velocity of the body the faster it will rotate. Also, a falling body composed of steel will rotate faster than an equal sized body of carbon, the reasons for which will be discussed in greater depth in the segment on atomic structure.



As previously explained, the energy extracted from a falling body at all times attempts to return to the body, which in turn produces a gravitational field. Therefore, any and all bodies which come into contact with the force of the falling body in question will be and are attracted to the body as seen below.

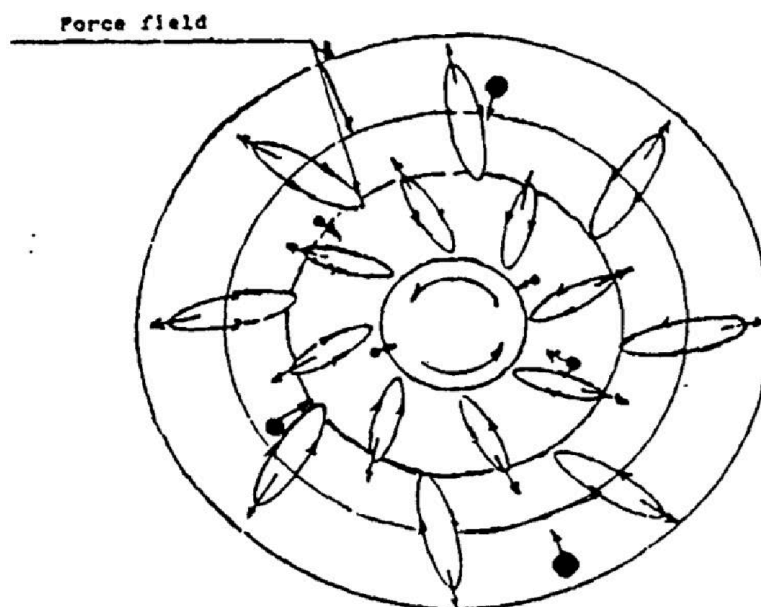


fig. 17

Keep in mind that these smaller bodies are also falling bodies and so have produced their own fields of extracted energy. This means that even as these bodies are attracted to the larger body in whose field they exist, they are simultaneously repulsed from that body, due to the repulsive action of their own field. This interaction between the attractive and repulsive actions of the fields of both bodies will reach an equilibrium point which is commonly known as an orbit.



The energy that's been extracted from the leading edge of a falling body presents an energy void to the body. This energy void is filled by an input of energy 90° from the leading edge of the falling body, as illustrated in fig. 18.

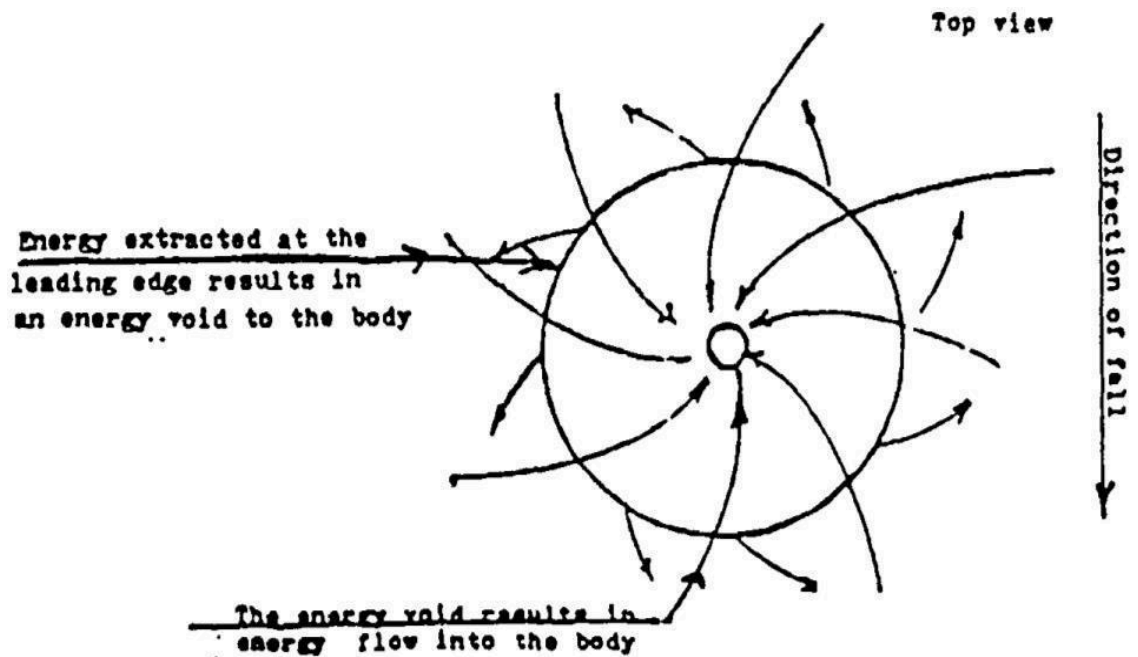
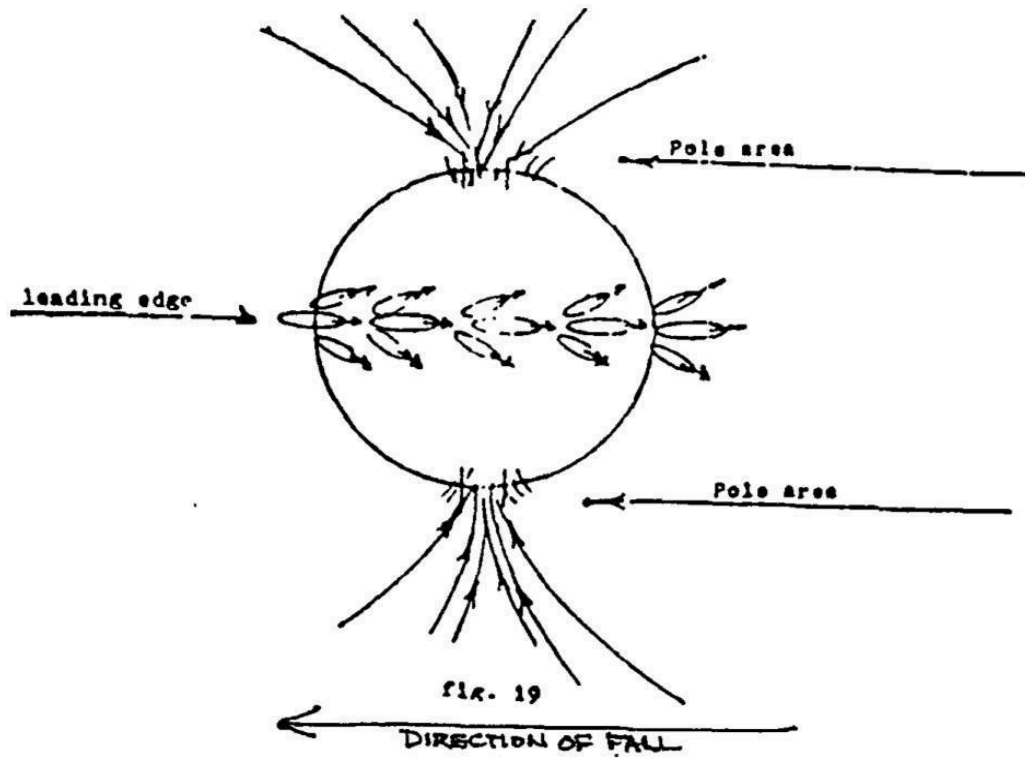
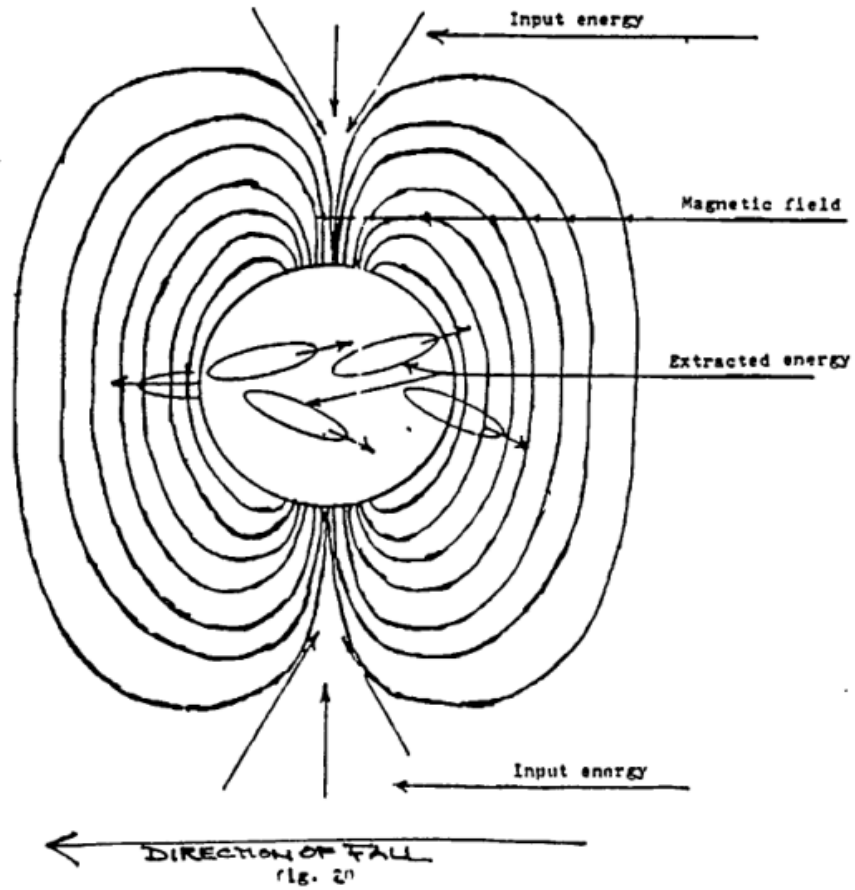


fig. 18

This input energy taken in at the point of rotation (90° from the leading edge) is what is seen as the magnetic poles, Indicated below.



The energy flow into the poles, combined with the extraction of energy at the leading edge of the fall, produces an energy flow which results in a magnetic field, as seen in figure 20.



A group of bodies which were in formation before the onset of their fall will produce the same results as a single falling body, with a few exceptions. As shown in test three, when multiple bodies fall as a unit, they group themselves into a spherical formation. Having done this, they will produce the same extracted force as does a single body, shown below.

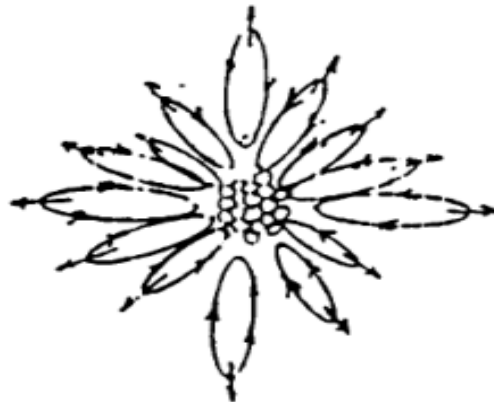


fig. 21

At the same time, each individual body within this formation develops its own rotation, the rate of which depends upon the body's individual size and the velocity of the mass as a whole.

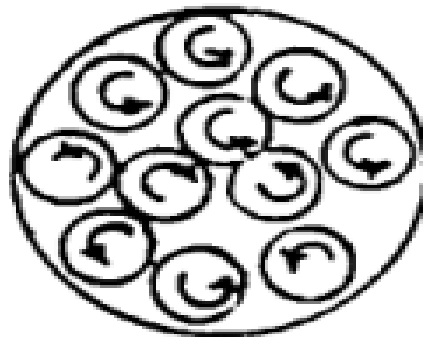


fig. 22

As seen above, although these bodies combine their energies and rotate as a single body, each individual still obeys the laws of falling bodies as well, and so creates and maintains its own field, which repulses the fields of the other bodies. This repulsive action results in "space" between the bodies. It should also be noted that such a grouping of bodies falling in

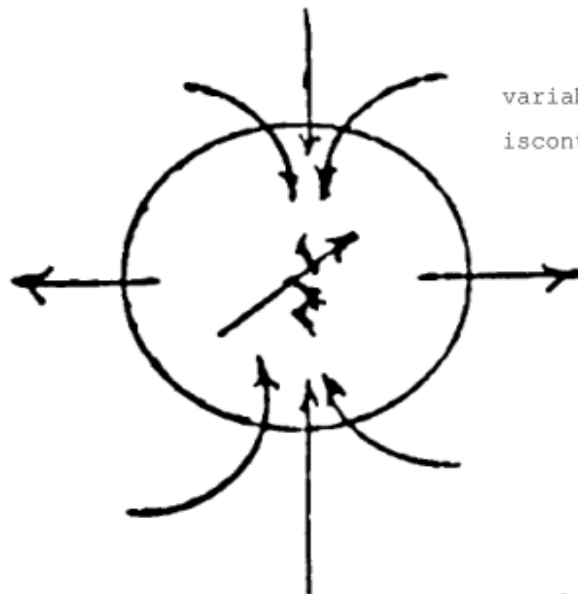


tight formation will continuously exchange pole positions, i.e., the north pole becomes the south pole and vice versa.

Stated in simple terms, a falling body is an energy exchanger, or in other words, is a transducer. The energy extracted at the leading edge of the fall is consistently the same value - the same-sized bubble. Even so, the poles will accept any energy which may be available, be it neutral energy (bubbles) or polarized energy. The interior of a falling body is quite comparable to a variable resistor. The value of resistance is inversely proportional to the velocity of the body at the rate of velocity squared. To repeat: resistance goes down as the velocity is increased. This is illustrated in figure 23.

$$R \propto 1/V^2$$

A falling body is a
transducer



variable resistance
is controlled by velocity

fig. 23



Energy to Mass Conversion

As indicated, a falling body is a transducer and all bodies are falling. Everybody has a value of internal resistance which is inversely proportional to velocity. When a body obtains a velocity of 9 times the speed of light, the internal resistance becomes a negligible factor. The body now accepts greater amounts of energy than it can radiate. This surplus energy now becomes very compact, and the minute bubbles of energy begin to pack together, as shown in figure 24.

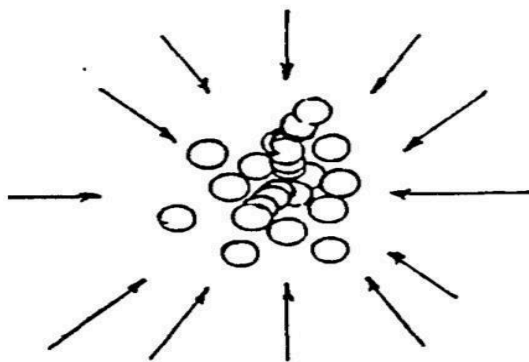


fig. 24

As a result of this compression of bubbles, a particle of mass is formed. Mass is therefore no more than solidified energy. The compression of bubbles illustrated in figure 24 results in a particle, shown below:

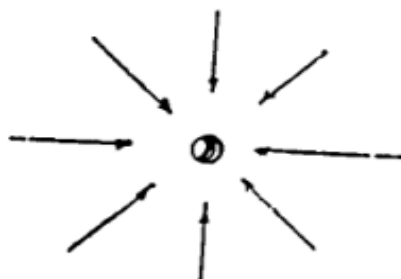


fig. 25



Should a falling body maintain a velocity of between 167,000 and 186,000 miles per second, the conversion from energy to mass would be infinite.

Mass To Energy Conversion

As a body obtains the velocity of light, the internal resistance becomes zero. Energy continues to be extracted from the body at an accelerated rate. The velocity of the body is equal to, or greater than the velocity of energy. This means energy cannot overtake (or "catch up with") and enter the body. The great pressure (potential.) extracts all the energy from the body. The subatomic particles begin to "shed" their outermost shells (i.e., bubbles), and this process will continue until no particle remains. All that does remain is a vortex of pure (neutral) energy. The conversion of mass to energy is progressive at the rate of the velocity of light squared.

DENSITY OF MASS

The density of a given element is directly related to the motion of that mass. A falling body is a transducer, the energy exchange of that transducer is limited by the internal resistance of that body. The value of that resistance is inversely proportional to the velocity of the body. Therefore, as the velocity of motion decreases, the internal resistance increases, and results in a zero value of energy flow. The body now becomes dormant and lies completely condensed there exists no space, and no life. The force that will give this body life



is motion. Should our entire solar system obtain a velocity of zero, it would probably fit into a quart jar.

SUBATOMIC PARTICLES

Minute bubbles of energy, which we call neutral energy, are the building blocks of solid particles. As long as this energy (bubbles) remains at or above the velocity of light, the bubbles remain unattached and independent, however when the leading edge begins to slow, the trailing bubbles begin to collide with the slowed bubbles. This causes the bubbles to pile up and compact, i.e., some bubbles encase other bubbles, as illustrated in figure 26.

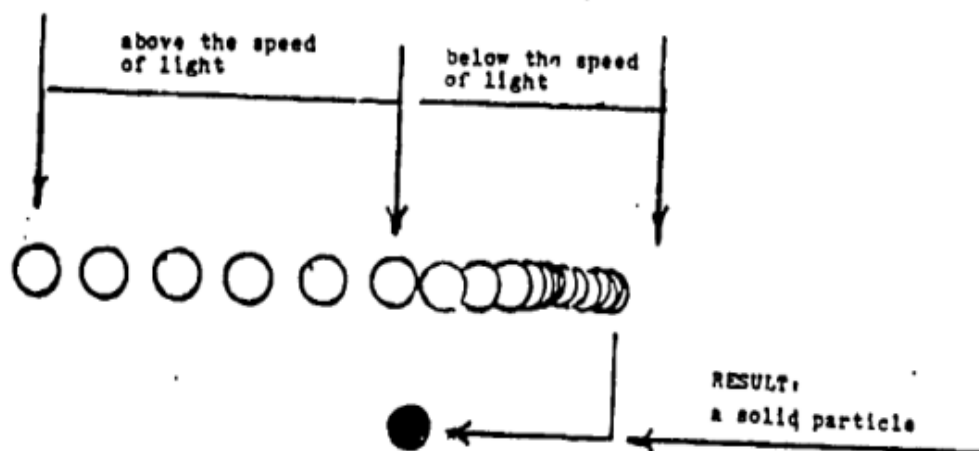


fig. 26

We therefore state that mass is but solidified energy. Subatomic particles vary greatly in size, but they are all created by nature in the same manner, and with the exception of size, weight, and configuration, they are identical. The scientific community speaks of different particles having



different charges, but this is a misperception, or more precisely, a problem of misidentification. There are very simple, logical reasons why that which is called an electron has a negative charge, while that which is called a proton has a positive charge, etc., but the explanation is beyond the scope of this paper, and will be discussed in depth in the segment dealing with atomic structure.

Anti-Matter

The universe in which we exist is falling in a given direction. The velocity of that fall is unknown except for relative motion, however, should the opposite direction be taken, at exactly the same velocity, the true velocity would then be zero. At absolute zero velocity energy becomes a zero factor, so that $v = E$, thereby, zero velocity equals zero energy. Mass will respond in a like manner once again, velocity determines the value of energy contained in mass. With a zero value of energy, mass becomes very condensed.

We will now add value to the zero velocity and say that our motion is now in the reciprocal direction. With an increase in velocity, energy is once more generated. Energy (due to motion) is now available, and the dense, compacted particles expand. The bodies are once again transducers, however, everything is reversed energy is now being radiated from the former poles, while the plane of the leading edge of the fall accepts energy. The falling body is now a negative ion, and particles which orbit this falling body are charged in a positive direction.



This universe (or galaxy, solar system, atom, etc.) at this point is what we can call antimatter.

As the velocity increases to and beyond the speed of light, we once again convert the mass to energy, and that energy is neutral - neutral, that is, in respect to itself. All that remains of that mass is a spiraling vortex of pure energy. More will be explained on this subject when we discuss the birth of a universe.

REVIEW OF FALLING BODIES

As we cross the threshold between falling bodies in general to atomic structure in particular, it is imperative the reader fully understands several major points. As stated in segment two (falling bodies) all bodies are in motion (i.e., falling), and all bodies fall through a given gravitational field. In the case of the Milky Way galaxy, the primary gravitational field is that of our universe. For planet Earth, the primary gravitational field is that of our sun. For our moon, the primary gravitational field through which it falls is that of planet Earth (and so on). All bodies are attracted to the center of the primary gravitational field through which they fall.

We've also previously explained that as a body falls it "radiates" a force of extracted energy along the leading edge of its fall, which causes the body to rotate in the direction of the extraction. This extracted energy is radiated in the form of bubbles, and the size of the bubble is relative to the



size of the body from which it's been extracted. This extracted energy attempts to return to the body it's been extracted from, and in so doing creates the force generically termed gravity. This gravity offers a repulsive force to the gravitational field the body is falling through.

All falling bodies are encased in an elongated shell which may also be seen as a bubble. This bubble represents the outermost reaches of the extracted energy, as illustrated in figure 27.

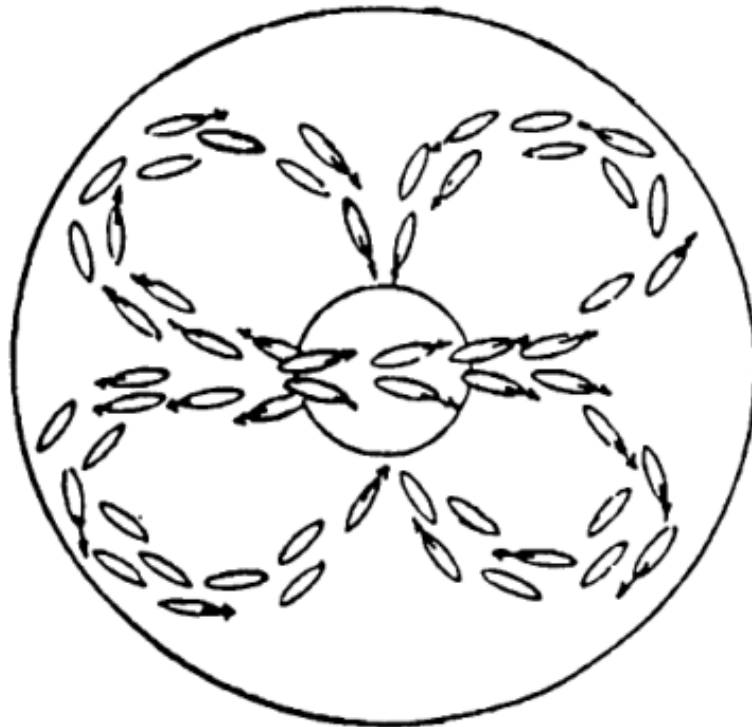


figure 27

As can be seen a particle or a body existing within that bubble is also a falling body. As shown in figure 28, falling body A produces field A, which attracts (pulls) body B towards body A.

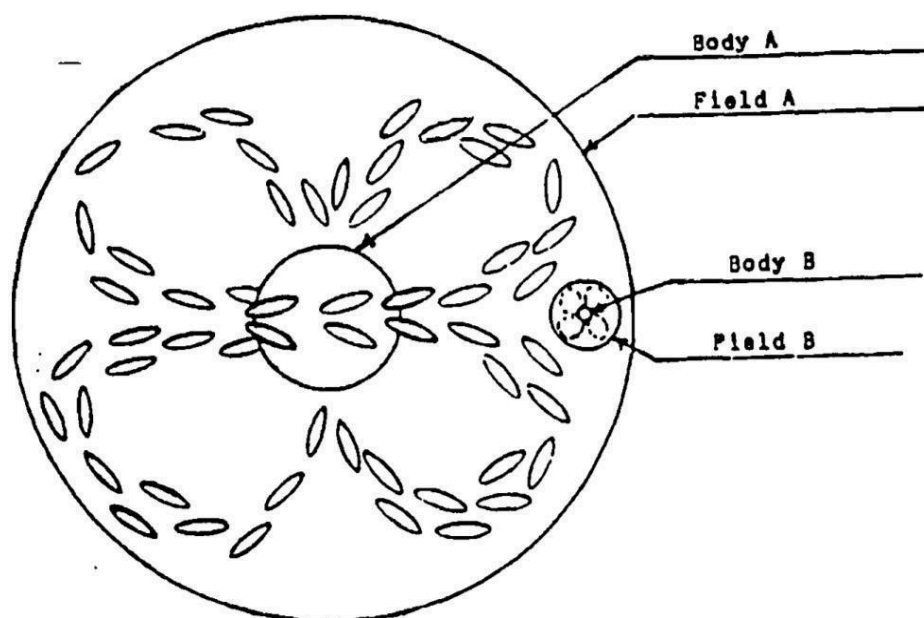


figure 28

As this attraction is taking place, the field produced by body B repels the field of body A. The interaction between this attraction and repulsion of fields results in the orbit of body B around body A.

To summarize then : the field which surrounds a falling body takes the form of an elongated bubble, and for any particle or body which exists within, or is forced into this bubble, the area of this bubble becomes its primary gravitational field, A falling body is always attracted to the center of the primary gravitational field through which it falls. At the same time, the force of extracted energy produced by the falling body is always repelled from the gravitational field through which it falls. An equilibrium is reached which constitutes an orbit. If the reader can understand these basic concepts, all else can be easily comprehended. Nature is not complex, unless we choose to make it so.



ATOMIC STRUCTURE

We will begin this discussion of atomic structure by considering what constitutes an electrical charge. If we observed a balanced atom we would find it had no charge, yet if we removed particles (electrons) from that balanced atom it would result in that atom now having a positive charge. If we were instead to add electrons to that balanced atom, it would result in that atom now showing a negative charge. Therefore, an electrical charge (negative or positive) is the result of adding or subtracting particles from an atom. Since all falling bodies follow the same laws of nature (be that body subatomic, atomic, universal, or anything in between) It is clear that a single particle cannot carry an electrical charge. When members of the scientific community extract so called particles with the aid of their accelerators and confidently proclaim these "particles" to be either negative, positive, or neutral in value, they have either confused their terminology, or have confused the issue, we're not sure which, but regardless, the fact remains that these charged "particles" are in reality systems of particles. If they weren't, they wouldn't be capable of carrying any charge whatsoever. Basic high school science courses teach that an electron is a very small particle which has a negative charge, but this is incorrect. What is perceived as an electron is actually a system of particles. It is perceived as carrying a negative charge due to its very small size relative to the nucleus it orbits. The bubble of extracted energy which surrounds an electron system is smaller than the bubble generated by the atomic nucleus, and so can be said to be negative in respect to the nucleus.



The same proves true when dealing with "particles" from the nucleus of an atom. For example, scientists "smash" a nucleus and excitedly announce they've found mesons, which are supposedly particles similar to an electron except that they can carry negative, positive, or neutral charges, and are various sizes. Again, what they have found are not single particles, but are systems of particles. To our knowledge, science has yet to identify a single particle, and who could say if anyone would recognize it even if they did find one.

Unity dictates that all bodies and systems follow the same basic rules, and so the arrangement and inner workings of subatomic systems can be compared to the falling body of our solar system. Our purpose is always to allow the reader to gain an understanding of physical law, so for the sake of clarity we will draw analogies between subatomic systems and our solar system, and will now focus attention on a simple electron system, which is comparable to the planet Mercury.

When looking at Mercury we see its rotation and orbit are very fast compared to the more distant planets. Orbiting Mercury are small chunks of debris which are too small to be classified as moons per se, however, they perform the same function and serve to balance the system. A simple electron system behaves in much the same way in that its orbit and rotation are faster than more distant electron systems, while its size and the sizes of its orbiting bodies are also smaller than more distant electron systems. It must be remembered that each system of particles, no matter how simple or complex, produces a force of extracted energy that creates a gravitational field (bubble) which draws all particles (bodies) within its field toward its center. At the same time, the orbiting particles (bodies) generate their



own fields (bubbles) which in turn repels the primary gravitational field through which they fall. A simple electron system is illustrated in figure 29.

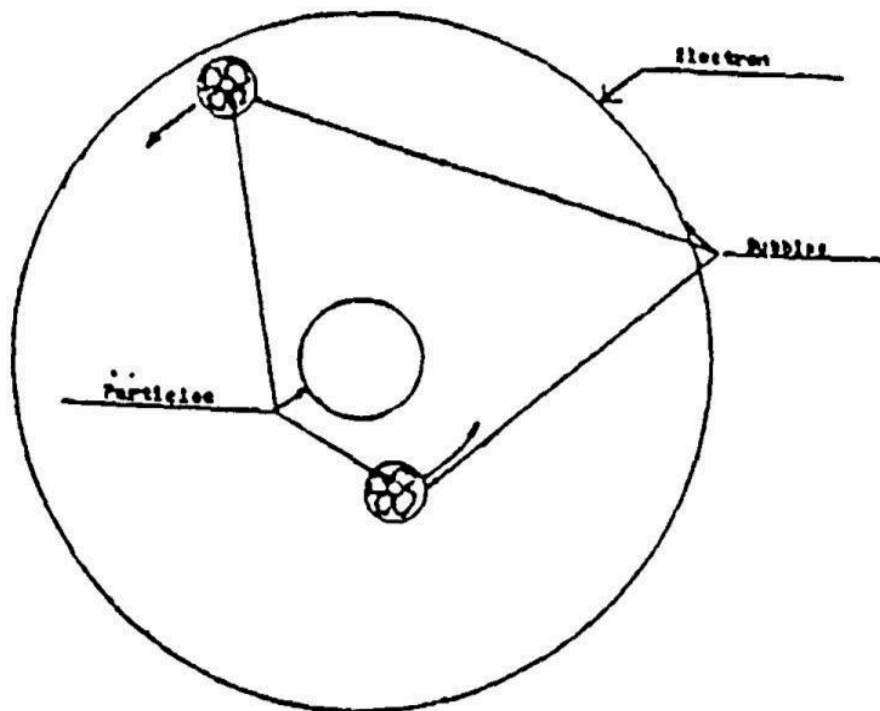


Figure 29

We could break this simple system down yet further, but at this time it would likely just cause confusion to the reader unnecessarily. For now it is enough to understand that the entire system is a series of bodies all generating their own gravitational fields, which are in turn encompassed by the larger field of the central body (or bodies). The simple electron is stable, has a fast, close orbit around the atomic nucleus, and is relatively small as compared to other electron systems. It should also be noted at this time that the outermost shell of the bubble generated by the central body (which we call a "mew"), will be repulsed from any similar



system which would draw near to it. It is this repulsive action which prevents all matter from collapsing in on itself.

A complex electron system could be likened to the planet Jupiter with its many moons. A complex electron system, as shown in figure 30, is slower in both its rotation and its orbit as compared with a simple electron system, and will be found in the outermost orbits of the atom. Regardless of these differences, however, it operates on the same principles of attraction/repulsion as does a simple electron system, or any other system.

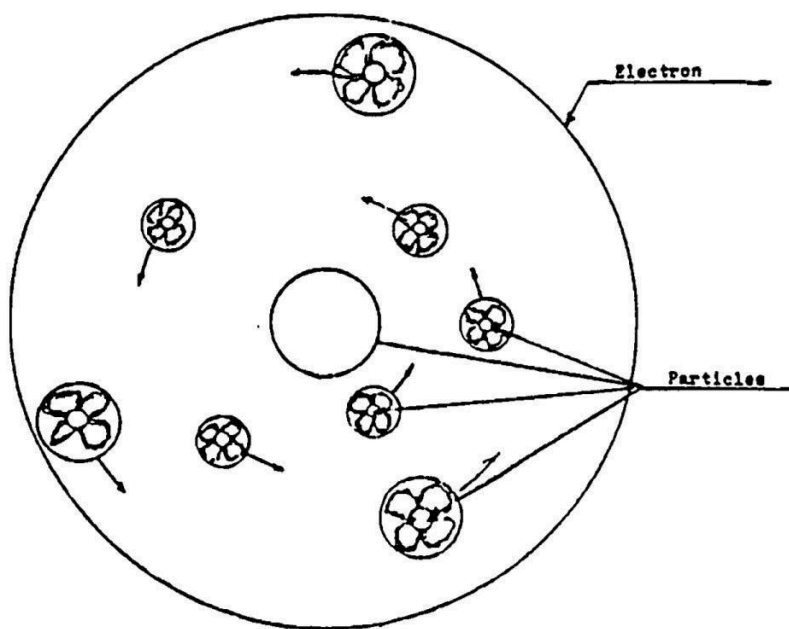


figure 30

We haven't undertaken to name any of these particles, as it would be a vain exercise. The particles found in an electron system are the same type of bodies found in neutrons and protons, as will be seen in the next section. They differ in



size and in their orbits, as do the planets in our solar system, but they all maintain their orbits due to the same Interaction between the attraction/repulsion of their respective gravitational fields.

THE NUCLEUS

In its simplest form the average electron consists of 81 bodies (particles) while the average proton or neutron contains 22,000 bodies (particles). Each proton or neutron contains their own nucleus, and the bodies which orbit this nucleus are systems of particles, ie., complete (but very small) electron systems. In turn, each nucleus of a proton or a neutron also consists of many systems of particles. The systems of the nucleus will become more clear when we begin our discussion of our solar system nucleus, the sun. Since it's very difficult to diagram such a complex system without computer aid, we ask that the reader visualize our solar system as one large proton (or neutron), and let the sun serve as a model for the proton nucleus. Don't let this seeming contradiction confuse you, the proton nucleus is not a single body and neither is the sun, rather, it is a multi bodied system, but more of that later on. Orbiting the proton in the same way as the planets orbit the sun are systems of bodies, some simple as the systems of the minor planets, and some more complex, as are the systems of the major planets (Jupiter, Saturn, etc.). It must be remembered that orbiting around all of the moons of the planets, especially those of the major planets, are chunks of debris which in turn balance each moon into separate balanced systems, and orbiting these chunks of debris are rocks and smaller



pieces of debris which in turn balance these mini systems, and so on. This is admittedly a very sketchy description of a proton (neutron), but all of the systems in nature are so very repetitious that there seems to be little point in weighing down this paper and risking boring the reader with constant repetitions. Suffice it to say that if the reader can in their mind visualize systems of particles orbiting larger systems, which in turn orbit yet larger systems (and so on and so on) all orbiting a central nucleus which is but another system of systems, they will have a fair understanding of the structure of the "simple" proton (or neutron). All of these systems exist and are in motion, undetected, within the gravitational field of the proton/neutron.

As we have already strongly implied, the structure of a neutron is identical to that of a proton except for the presence of one major system of particles. As discussed earlier, an electrical charge is created by either adding or subtracting particles from an atom, and the same is true for the mini atoms which are called protons and neutrons. The neutron is analogous to a balanced atom, and is neutral in value. The proton carries a positive charge because it is missing a system of particles which would allow it to balance. On the outermost edge of the bubble (i.e.: the mew) which surrounds the neutron orbits a relatively large, slow moving system of particles which serve to balance the neutron, allowing it a neutral charge. This system, which we refer to as the jipsee system, not only determines whether a nucleus system will be a neutron or a proton, but is also largely responsible for the structuring of an atom. The jipsee is able to pass readily from a neutron to a proton due to its low velocity and distant orbit and it does so regularly, in an attempt to electrically neutralize (balance) a



proton system. When it moves from a neutron to a proton it succeeds in balancing the proton system by "changing" it into a neutron system, but in the process leaves its former system with a lack of balance and a positive charge. It is the continuous cycle of the jipsee which tends to hold the proton and neutron systems together in the atomic nucleus, and indeed, it is the counterpart of this jipsee system which, on a larger scale, holds the key to the creation of elements, but a detailed explanation of this is beyond the scope of this paper and will be dealt with in the future.

In continuing the discussion of the subatomic realm we would point out that all systems within an atom (and all atoms) display an isotopic effect, however, the instability varies with each system some exhibit a strong isotopic effect while in other systems it is hardly detectable ie., the lack of stability is a matter of degree. The highly isotopic system stabilizes itself by interfacing with other isotopic systems. It is the jipsee system which once again travels from system to system attempting to create a balance. In extremely unstable systems the jipsee is in constant and rapid interchange, and it is this continuous and rapid movement of the jipsee between other systems which holds the various systems together as a unit. For clarity, always bear in mind that these jipsies can be any size, and so perform their balancing act on every level from the smallest possible subatomic system to the galactic level systems.

The subatomic/atomic jipsee system has another interesting effect when we consider a true wanderer, ie., a non-aligned system not in orbit around a larger system of bodies. It is a stable system, and could be visualized as an autonomous micro



atom it is truly a free agent. Like all falling bodies it is in motion at a given velocity, and has an energy exchange which determines pole values. When, in its travels it encounters a slower moving system (or group of systems) the interaction between the pole placements of the respective systems, coupled with the interaction of the attractive/repulsive forces of the jipsee system and system x, can and often does affect the degree of tilt experienced by the bodies and/or systems functioning within the jipsee and/or system x. Depending upon the exact circumstances of the encounter (i.e.: the respective sizes, velocities, direction of motion, pole positions, etc., etc.,) the result could range from a mild shock to one or both systems, to a major upheaval of both systems there are literally thousands of possible scenarios . These free agent jipsee systems have their counterpart on the galactic level, so we will explore some of the possible scenarios more fully in the supplement dealing with the workings of the sun and the solar system, which will follow in the near future. In this discussion, however, without the aid of computer graphics, there is little point in attempting to illustrate the "average" encounter at the atomic/subatomic level. Indeed, though the many actions of this particular system of particles are fascinating in the vital functions they perform, we included it in this highly condensed paper primarily to introduce the reader to the concept, and because it is important to the discussion of why some elements can be magnetized while others cannot, and why some elements are radioactive.

A brief sketch is all the explanation this paper will allow, but even this should allow the reader to begin to visualize the actions of the jipsee in the subatomic world. Once a foundation of logic is established, our elaboration on the subject in a



supplement to follow will be more quickly and easily comprehended.

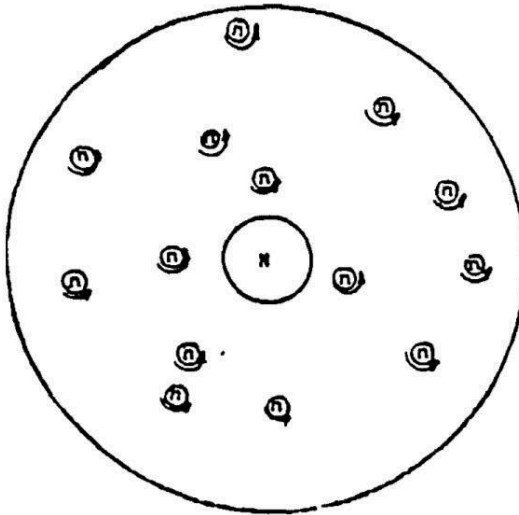
We'll begin with a short explanation of radioactivity, which is not caused by the weak nuclear force, that enigmatic force which no one can seem to define. Rather, it is caused by the actions of the jipsee systems, which in their never ending effort to create balanced systems, actually throw out particles from highly unstable systems. This free agent, the jipsee, moves around the systems of the unstable atom, and repulses unstable systems with such a force that the atom is perceived to be "shedding" its systems. In fact, the actions of the jipsee in this high velocity atom are so energetic that it in effect tosses these systems out of the gravitational field of the atom. Any system or system of systems (atoms) can be made radioactive if their functions and normal balances are disrupted. Once a disruption has occurred, the jipsee systems quickly begin to throw out the chaotic systems, and the atom is now potentially lethal because it is emitting the very same particles and systems which are released through the walls of the containment vessels. For the time being, this abbreviated explanation will have to suffice.

Now we will briefly discuss magnetism, and will consider the element iron. Due to the great strength of the repulsive forces generated by the many systems within an atom of iron, it is unaffected by the jipsee systems, and in fact this is a case where it is the jipsee system only which experiences disruptions and upheavals in the close encounter. Because of this strong repulsive force (the many reasons for which will be explained in detail in the future) and the relatively unique, symmetrical arrangement of the systems contained in all iron



atoms, and the resulting symmetry of the atoms themselves, a current passing through the atom will experience an additive effect. The arrangement of some of the systems in a hypothetical atom of iron are illustrated in figure 31.

Pole positions - top view



Pole positions - side view

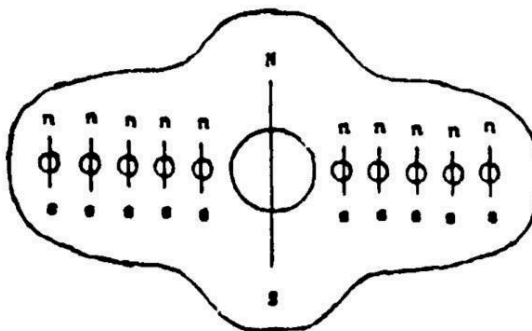
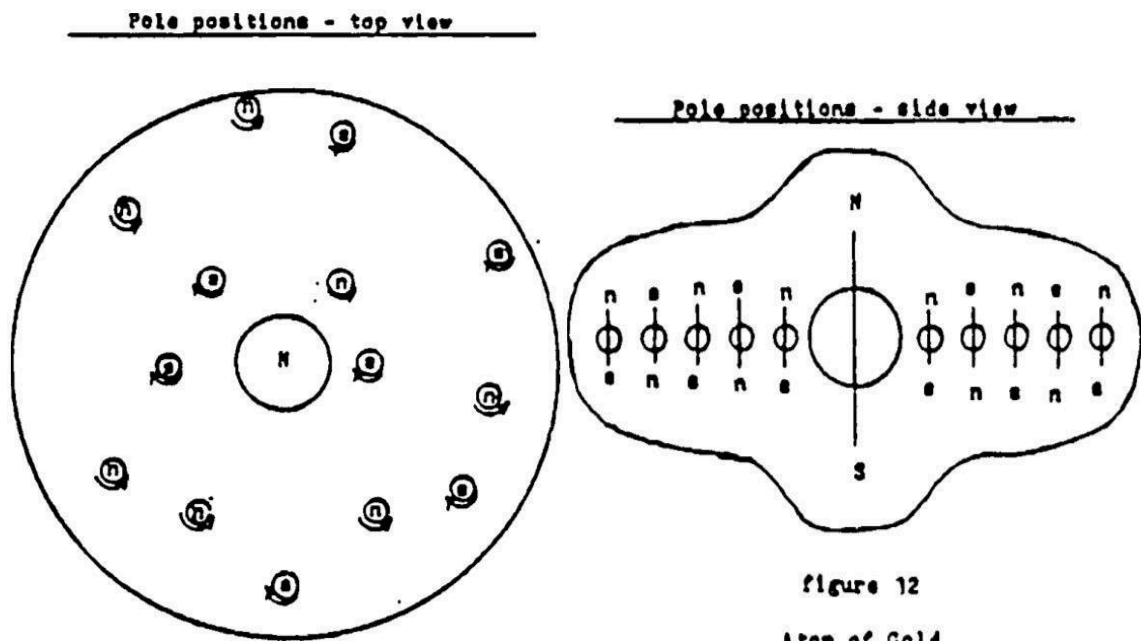


figure 31
Atom of Iron





In an element such as gold, the repulsive forces of the various systems within the atom are relatively weak (as compared to iron) and so the jipsee systems have a great effect on these systems, and regularly alter their degree of tilt as they encounter these systems in their travels. A hypothetical and greatly simplified atom of gold is illustrated below.



When a current is introduced to the element iron, all of the systems "flip" over, but as can be seen in figure 31, they will still be arranged symmetrically in respect to each other, and so an additive effect is experienced. When the systems in the element gold "flip", however, they remain, in effect, asymmetrical in respect to the other systems within that atom of gold, and so do not experience the additive effect when current is applied. We could go into very fine details on this subject, but it is the consensus of our research team that this is not the most vital subject matter at this time. In fact,



with the severe problems faced by our planet and its inhabitants today, magnetism seems almost trivial, and so will be expanded on in the future, after the more vital subjects have been fully addressed.

SUMMARY

Particle physicists detect only the bubble of the electron system and believe it to be a single particle/ but in fact/ a single complex electron system contains eighty-one single particles/ and so it's easy to see why our modern physicists are in constant and confused disagreement with each other. This confusion among the scientific community is perhaps the most difficult problem we've had to overcome in formulating unity. A classic example of this confusion is the application of the mechanics of quantum physics/ wherein an electron traveling at a velocity beyond the speed of light is seen as a photon of energy and is called a Betaray. Other areas of applied theoretical mathematics view the electron as a solid particle. This is confusing because both applications are correct/ but they have attached different names to the same unit. Just trying to sort out this type of jumbled terminology so that we could evaluate their test results was a momentous task, but when we did, it became very clear that they were dealing with the same unit at different velocities. Apply the equation $G = MV^2$ and you will quickly see that an electron system traveling at the velocity of light or beyond becomes what is seen as a photon/ while an electron system traveling at velocities less than that of light becomes what is seen as a solid particle. The unity equation is valid for all bodies/ and it's not



complex/ once we recognize that there is much confusion in the current community of scientists. We must rely on the facts/ and forget all of this fancy guesswork before we "guess" our way into oblivion.



CONSEQUENCES OF NUCLEAR ENERGY

As explained earlier, the energies generated by a body in motion are extracted in the form of bubbles of energy which are neutral in respect to the other bubbles extracted from the same body, however, the size of the bubbles are directly proportional to the size of the body from which they've been extracted. This means that larger bodies produce larger bubbles, and so we can place values on these bubbles and say that some bubbles are negative in respect to bubbles produced by other bodies, ie., they are smaller. By the same method we can say that some bubbles are positive in respect to bubbles produced by other bodies, ie., they are larger. This terminology is very important for the reader to understand, so that the information you've received will be easily understood. It is vital that the people who read these pages come to see the larger picture. It's not just the ionosphere that's in danger it is all of the combined systems of the earth altering their normally balanced cycles. The entire planet earth is at risk in this crisis, so it's imperative that the reader comprehends the way in which the various systems interweave and how they are therefore all out of balance, and it will take a major effort to put these cycles back into a proper balance. Once the processes are understood, the true magnitude of the problem becomes apparent.

During the process of fission, a neutron is hurled at the nucleus of a uranium (or plutonium) atom and it divides that mass. In this process neutrons and protons are destroyed and their energies released. After studying falling bodies and atomic structure it should be apparent that these enormous



amounts of energy released in fission are the result of the many systems of particles within the neutron or proton being forced out of their orbits and turned loose into the environment in a highly unstable state. Also, it should be clear that many of these systems are completely destroyed, leaving only highly energetic, very minute particles moving at incredible velocities. These particles and very minute, unstable systems move off in all directions some to pass through water to create steam, some down into the core of the earth, and some straight through the walls of the containment vessels and into the atmosphere.

In each and every fission reaction. approximately twenty protons and neutrons are shattered, the exact number depends upon the type of material being used. The average proton or neutron contains approximately twenty two thousand particles, so do some math and you'll quickly see how many trillions of these unstable particles and systems are being forcefully introduced into our ecosystem per microsecond, worldwide.

We earlier carefully explained that any unstable system will immediately attempt to balance itself, and for many of these newly destabilized particles and systems this attempt begins as they pass through the walls of the containment vessels. Here again the jipsee systems are a major factor, for as these minute particles and systems of particles stream through the walls they are already in the process of. reassimilation into larger, more balanced systems. While engaged in this process, the jipsee systems in the atoms which form the containment vessel walls are very strongly attracted to these highly unstable systems, and often leave their orbits to assemble and attempt to balance these very unstable systems and particles.



This means that from the moment a nuclear plant begins operations, the walls of the containment vessels begin to weaken so that as time passes they also become unstable and allow ever larger and larger systems and particles to escape unopposed.

To briefly address the question of where these particles and systems go once beyond the containment walls, we would begin by considering those which travel inward towards the core of the earth. In the segment on falling bodies we discussed the cycle of energy exchange experienced by a body in motion, and stated that under normal conditions the rate of extraction is balanced with the rate of energy input (at the poles) and that this cycle is tied directly to the velocity and rotational rate of the body. If the reader understands this cycle, they will also be able to clearly see that as these particles move into the core, they are disrupting this normally balanced cycle. More input energy, no matter the source of input, forces the planet to generate more extracted energy to attempt to compensate. The rate of the extraction directly affects the rate of the rotation, so as the energy extraction becomes progressively accelerated, the rotation rate will follow suit. As the cycle completes itself and the extra energy extracted now returns as input energy (approx. 10¹² years), this extra level of input, combined with the continuous additional input energy from nuclear fission ensures that the problem will continue to be progressive.

We estimate that 15% of the extra energy forced into the cycle by the use of nuclear fission remains in a state which is negative in respect to the normal energy output of this planet, and though this percent of negativity has its undesirable



effects, it is the Increased rate of energy exchange which most concerns us now. As should be apparent to the reader at this point, an increased rate of energy exchange and rate of rotation will cause an increase in the repulsive force exerted by the falling body. As the repulsive force increases the body moves farther away from its nucleus, which in our case is the sun. If the orbit of this planet expands, it cannot help but affect the orbits of the other planets in the system, particularly our closest neighbors.

Of the many highly energetic particles and systems released through fission, many travel toward the moon, and because the moon and its extracted energy are very negative in respect to planet earth, some of these energetic, still unstable particles and systems are readily accepted by the moon as input energy. This will increase the cycle of energy exchange in the moon, once again resulting in a greater repulsive force generated by that body. Clearly, the moon cannot fail to move farther away from the earth. The tides, (which are erroneously said to be caused by the gravity of the moon "pulling" at earth) are becoming ever more severe, but this is only the beginning. As the repulsive forces of earth and moon continue to increase, the Interaction between them (which is the true reason for earth tides) will cause the tidal cycles to become increasingly dangerous to coastal dwellers. This new balance of interactions between the respective fields of earth and moon will also increase the degree of earth wobble, but the position and field of the sun is also a major factor in this equation, and so will be considered after solar structure has been fully addressed.

When we further consider where these particles and systems go, we must mention that some of the smallest and most energetic



move straight out of the earth's gravitational field and speed toward the sun. Clearly, these systems are very highly negative in respect to the sun, and are repelled at incredible velocities back toward the earth/moon system, it is known that particles of energy from the cosmos travel in vortexes, yet experimenters deep in the earth (searching for proton decay) are picking up readings of energies coming into the earth in a straight line. They are speculating these are from some galaxy out there, but in reality they are detecting these high speed particles now repelled and accelerated, returning to haunt us all, and disrupt yet more earth cycles.

The great majority of the particles and systems under consideration here find a home in the upper reaches of the ionosphere. It must be remembered that these systems and particles of which we speak are various sizes and moving at various velocities, but are all very negative in respect to earth. Some of the faster moving particles and systems have converted to photons of energy (bubbles) and when they collide with the normal ozone (O^3) they quickly break it down into its singular element (0). The single oxygen atom is an electrical isotope, and so carries a positive charge, and will readily assimilate with any element, particle, or system of particles that are available. At the same time as these events are occurring the slower moving particles and systems are attempting to restabilize, and are reforming into more complex, balanced systems. They come together at such a high velocity (but less than that of light) that the newly assembled neutrons are not neutral, but are slightly negative. These negative neutrons quickly seek out proton systems, and often form into nuclei systems before the proton is completely assembled, ie., while it still has a higher than ideal charge. Our calculations



indicate that the average newly created but mutated nuclei system would consist of two slightly negative neutrons and one proton. Because of this instability, the various jipsee systems are very active trying to achieve order, and in the process begins throwing off systems and particles. If these were normal nuclei systems we would have a hydrogen atom, but they are not normal - they are highly unstable (radioactive) isotopes of hydrogen, and an investigation of this new element will reveal it has an atomic weight nearly that of helium. Being much larger than the normal hydrogen nuclei, they will also attract more and larger electron systems than would normal hydrogen.

Some of these newly formed, strange elements are forming into molecules with the single oxygen atoms available, creating an abnormal variation of $(H^3)^2 O$, which will eventually return to earth as radioactive rain. This, much more than acid rain (which is also a factor) is taking its toll on the plant life of earth. Other of these singular elements of oxygen are directly receiving the single particles released through fission. Once residing in the oxygen nucleus they attempt to stabilize by gathering more stray particles and building new larger and larger systems within the nucleus. Eventually this process produces new proton and neutron systems which find stability as fluorine. Other chemical reactions will also result in formation of these flourine atoms, which are able very readily divide existing O_3 molecules into their singular elements, thus perpetuating the abnormal cycle. Here again, a problem which was serious enough becomes progressively more dangerous.

Due to various factors, many of the trillions of particles released through fission do not immediately assimilate into



larger systems, and these, being highly negative to earth and even more negative in respect to the sun, tend to "settle in" near areas which are away from direct contact with the sun's energy. On earth this means that they will prefer to settle in near the pole which lies in darkness at the moment. Here they assemble themselves, but now, without the impedance of the full strength of the sun's repulsive force, the result is a very negative plasma. When the sun again returns to whichever pole is involved, the surface of the earth below is warmed. The air is lighter, and the lighter elements and molecules of the ionosphere begin to move earthward in massive quantities. The very negative plasma is, of course, more highly negative to the sun than to the earth, and therefore when it is brought into contact with the sun's greater repulsive force, it is forced earthward. The final result of this movement is a large "crack" in the ionosphere which will begin to open as soon as the area in question begins its summer. It will reach its height during the midsummer, and will begin to close only when the sun again leaves the area in darkness, allowing the negative plasma to be repelled from earth back into the ionosphere. These polar ionospheric "cracks" will continue to grow progressively larger each year until actions are taken to restore balance.

These cracks in the ionosphere are serious enough, but once more we find there are other factors which compound the problem. In this case it is the tendency of these particles to be attracted to areas where there are large deposits of ferrous metals below, and here they assemble into negative plasma. They will be most strongly attracted to any of these areas which are surrounded by water. This is a symptom which we hadn't expected to see manifested until 1987, or perhaps even 1988, but evidently there are multitudes more unstable particles being



released through nuclear weapons tests, faulty reactors, and radioactive wastes than anyone is aware of, because now it's been reported that a hole has developed over Norway. If this is indeed the case, then be assured there are others. Many of them will be found to have developed over the oceans and seas, where ferrous metals lie beneath the ocean/sea floor. All life below these holes in the ionosphere are at extreme risk, so these areas must be identified and quickly.

Some of the effects of the massive disruption of the systems on earth have been stated earlier others have not but the reader should clearly see what their future holds, so some of these things bear repetition. The ill effects felt by the planet earth will manifest themselves in progressively more violent reactions. Perhaps the most serious of these will be a direct result of the increased rate of energy exchange. Already this is causing a steady increase in the internal pressure of the planet, which will be periodically (and increasingly regularly) relieved through earthquakes and volcanic actions. This pressure will create more heat within the earth which will (or already is) cause the surface of the planet to warm, and the ice caps to begin to melt. Besides contributing to an increase in the ocean levels, this warming will also cause disrupted and abnormal weather patterns which, coupled with the increasingly severe tidal cycles, will cause coastal areas to begin to disappear.

As the energy exchange of the planet increases, the magnetic field of earth will continue to change. This will increasingly affect the many different species of life which rely on the magnetic field for their sense of direction, and it is quite possible that some species of whales are already experiencing



difficulties in navigation. Oceanic species sensitive to changing water temperatures will begin to experience shock due to rising water temperatures. Those that cannot quickly adapt will die, while mobile species will be forced to migrate to cooler waters. This will overtax the ecosystems, and many of these creatures will also die.

Land based species face other dangers. We have shown an outline of atomic structure, as well as some of the effects these fission-freed particles and systems can have on atomic structures. Now we would remind the reader that each and every cell, and every molecule of DNA in their body is but a conglomeration of atoms which are subject to the same laws and the same injuries as are all other atoms. Unlike the sun, our bodies generate no strong repulsive force to ward off these high velocity, unstable particles and systems, and we are even less dense than a containment vessel, and so offer no barrier to these fission released systems. As they move through a body they continue to attempt to stabilize, which means they will either try to join existing systems, carry off jipsee systems as they pass through, or in cases where their velocities are too high to allow either of these options, will simply displace and disrupt systems they encounter. For humans and other species living in close proximity to a nuclear reactor the odds of developing a fatal disease are vastly Increased for the Immune system will be unable to function under conditions of constant disruptions. These people will also show a higher incidence of genetic defects among their offspring - some obvious (blindness), and others hidden (immune system deficiencies, etc.). Since the brain also operates with these same bubbles of neutral energy we've taken pains to explain, its functions can be easily disrupted by introduction of



foreign bubbles and particles, causing ever increasing crime and accident rates in areas of high doses, as well as insanity, suicidal behavior, and even brain damage. Always remember that nothing short of the repulsive action of the sun will stop or deflect these unstable systems and particles» so we are all completely at their mercy every day and so is every other living creature on this planet.

There is so very much more to be said, but the time element is so critical that this will have to suffice for the time being. These past months our research team has worked frantically to sound the alarm, and our focus has been on antinuclear, environmental, peace, and disarmament groups and outspoken individuals, but the response rate has been very discouraging, until just recently. Our first round of mailings were very poorly received, and it's possible that the reason for this was that we stated confidently that if this insanity continued, we could set off a chain reaction which could split this planet, the solar system, and perhaps even the galaxy and universe. Perhaps this was viewed as too impossible to be true, we can't know for certain what caused the apathetic attitude towards our warning, but it doesn't matter now. All that does matter is that we were not joking, and we were not exaggerating. The total and instantaneous destruction of this planet is not only a possibility it is an eventual absolute certainty, and we will now explain why.

In the same manner as other new atoms are forming in the ionosphere from the particles released through fission, so are H, H² (deuterium), and H³ (tritium) being produced in large quantities, and with each passing minute, more and more are accumulating. If anyone doubts the truth of this statement,



then find a way to take samples, and prove it to yourself the element is there, and in great quantities. Now recall that in 1956 Dr. Luis Alvarez and his team produced cold fusion in their University of California radiation laboratory. The fusion was between light hydrogen (H) and heavy hydrogen (H²), and it was accomplished by passing a cosmic ray through cold hydrogen. It is a commonly known fact that H² and H³ very easily fuse. A cosmic ray is nothing more than a negatively charged mu meson, which our team has determined is a very small, high velocity jipsee system. Tests have proven that hydrogen can be fused by the impact of these high velocity particles and systems, which we have explained are in great abundance as is hydrogen and all caused by fission. When a high velocity jipsee system (cosmic ray) Impacts with hydrogen in such a way as to cause a single fusion in the ionosphere, the entire planet can be engulfed in a huge hydrogen explosion from which there will be no survivors. When this happens (and we say "when" because It's only a matter of time before it does) the resulting explosion will immediately engulf the moon as well. With the destruction of the repulsive fields of earth and moon, they will immediately begin their plunge into the nucleus of our solar system. This in turn will cause the fission of our nucleus, the sun, which will then become a giant pulsar.

Our calculations are not yet complete, but preliminary indications are that the sudden and massive disruption of this solar system could quite possibly set off a chain reaction which we cannot predict the boundary of.

In coping with the dangers which threaten, several emergency steps must be taken immediately, and the most urgent of these are a complete ban on all weapons testing worldwide, and a



total shutdown of all nuclear reactors. This must be done forthwith, as these are the most likely means of igniting the ionosphere. From there on the strategy is clear we must begin to repair the damage. The technology now exists which will allow these repairs but we must have allies, for alone we can do nothing ! It is time for the people of this planet to join together and work together on the common goals. The responsibility has fallen to us, and we must not fall. Our only hope is to begin a worldwide, coordinated effort, for if we don't, our future is assured. We can no longer sit back, lulled by the false belief that our trusted institutions will "fix" it, because they won't, or they already would have begun. It seems clear that the Soviet Union is well aware of the real possibility of fusing the ionosphere at any moment, and they have reacted by stopping all nuclear testing and are literally begging the United States to do the same. They have warned that this nation's pursuit of "Star Wars" testing could set off a fire which would engulf the earth, and are pleading that this country abandon these goals. Their fears are very well founded this is not some political game they're playing ! If you've studied our preliminary work it should be obvious to you that perhaps the worst thing this country can do is to be shooting high energy beams through our highly unstable ionosphere, yet they persist. If the Soviet Union is aware of the immediate danger, then is it possible that the United States is not ? Form your own conclusions, and then consider that perhaps it is time we asked the Soviet people just what they have found out about the status of this planet. If we the people cannot find a way to work together when every form of life on this planet is facing certain death, then we must ask ourselves if such a species is worth saving.



A small generator was built and tested, and we can produce the repulsive force. The theory is correct, and the technologies which will allow us to save ourselves waits to be developed. If you harbor doubts about the truth of what we assert, then we invite you to do everything in your power to prove us wrong. In the process you will become convinced that we are correct, and at that point we will very much welcome your participation in Project Stardust.



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SOLAR RESEARCH

Introduction

In the mid 1970's an in-depth study of our solar system's nucleus, the sun, was initiated by the Stardust Team which has led to many startling discoveries. The experimental methods employed included collecting photographs, drawings, and detailed data from many observatories and research stations around the world, building models based on the data, and making countless calculations. Working to make sense of seeming contradictions exhibited by the sun, our team focused on its many well documented but unexplained behaviors and characteristics, a few of which are listed below, and gradually a clear picture began to emerge.

Major Solar "Mysteries":

- 1) The solar surface appears "grainy"
- 2) The sun emits many different frequencies
- 3) Solar storms vary in both size and field strength
- 4) Solar flares are relatively common occurrences
- 5) Solar storms often move over the surface of the sun with no regard for the direction of the sun's rotation
- 6) Solar prominences occur in which trillions of tons of mass temporarily escape from the main body of the sun and relocate elsewhere
- 7) The solar surface contains many crevasses and valleys which appear, remain for a length of time, and then disappear



8) The sun shines and is hot, and the earth shines and experiences warmth from the sun, yet space is cold and dark

If the reader has ever tried to follow the reasoning of current scientific thought on these and other questions, then two things should be clear, namely, the scientific community as a whole is convinced that our sun is in effect a huge nuclear reactor, and that because of this conviction their subsequent theories are speculative and/or contradictory and confused. If the reader were to take the time to delve into current theory on questions relating to solar activity, it would quickly become apparent that no theory is too contradictory to be given loud applause and wide circulation, if only said theory does not in any way conflict with the idea that the sun is a nuclear reactor.

After completing our study of falling bodies in general, we fully realized that modern science was not infallible, so in solar research we relied only on direct evidence, and ignored all previous theories. Masses of accumulated information were sorted and classified, then based on this data various solar models were constructed and analyzed. Clearly, there were two possible explanations for the existence of multiple and changing magnetic fields on the sun. One would be if through the use of broad assumptions and "open parameters" we were to make the sun into a unique phenomenon, capable of producing these many fields even though it was a single body (as current theory maintains). The other possible explanation was that the sun was not a single body at all. Since it's a well demonstrated fact that in nature a single body cannot produce many-poled fields, and because we had denied ourselves the use of arbitrary assumptions, our team agreed to consider the



possibility that the sun was multi-bodied, and we constructed our models accordingly. Mathematical calculations were made based on what we then knew about the dynamics of falling bodies from previous research, and year by year the mysteries began to solve themselves.

To go into laborious details as to the procedures and logical processes followed at each stage of the research would be to misplace the focus and goals of this paper. We will therefore begin this discussion by giving a general overview of our theory of solar structure so as to build the foundation which will allow the visual imagination to more easily grasp the dynamics of solar function. From this base we hope to then clearly explain some of the major actions and current mysteries of the sun in simple terminology, so that at the end of this paper there remains no doubt that our sun is not a nuclear reactor as is currently believed and taught. Nuclear reactions do occur, but these are secondary actions, and are not the major source of heat and light generation. Nuclear fission and fusion as currently employed on earth are not the same as the nuclear reactions which take place on the sun. We aim to show that the modern myth that nuclear fission and fusion for power generation is a thing of nature is not only a false belief, but is a deadly belief as well. Fission and fusion, earth style, is antinature, and if we can clearly show why this is so, then this simple paper will have been a great success.



SOLAR STRUCTURE

Deep within our nucleus, the sun, reside many huge bodies which are roughly the size of the planet Jupiter. Each has its own rotation rate and builds a field of extracted energy about itself as does any falling body. The repulsive action of this field of energy guarantees space between the bodies.

Calculations show there are approximately two thousand of these massive bodies, all rotating at a rate determined by their specific mass. Though there is this variation in their individual rotation rates due to differing mass factors, these huge bodies are all orbiting the center of gravity at roughly the same rate, and due to their close proximity to the center of gravity they together complete an orbit of this gravitational center approximately every forty eight hours. These massive bodies, individually and as a unit, are in motion at an extremely high velocity.

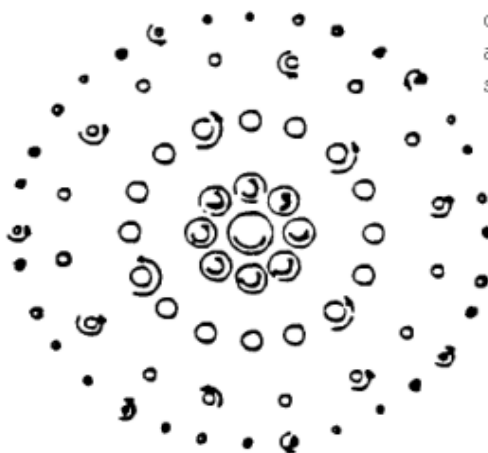
On the outer shell of the sun reside thousands of smaller, earth sized bodies, which also have an individual rotation rate determined by their specific mass. Each of these obey the laws of falling bodies, and so build an individual field of extracted energy about themselves which repulses the fields of all other falling bodies, thus ensuring space between them. These bodies also orbit the gravitational center of the sun at a constant velocity, but due to their greater distance from the center they complete an orbit only every thirtytwo days.

The area between the major bodies (interior near the gravitational center) and the minor bodies (outer crust) is filled with many thousands of bodies which range in size between these two extremes. To visualize this arrangement



imagine many thousands of different sized bodies within a given sphere, where the largest bodies are in the center, and the rest of the bodies become progressively smaller the nearer their proximity to the outer crust. A highly simplified cross section of the sun illustrates this below.

Cross section view of
the sun showing body
position
and rotation.



minor bodies
create the "grainy"
appearance of the
solar surface.

figure 33

We've explained that the major bodies are in close proximity to the center of gravity and complete an orbit of this center approximately every forty eight hours, and that the minor bodies at a greater distance complete the same orbit of the center every thirtytwo days. All of the intermediate bodies residing between these two extremes also orbit the same center, but at varying rates determined by their mass and subsequent position within the body of the sun. The larger of these intermediate bodies will be found closer to the major bodies nearer the center, and their rotation rate approaches that of the major bodies. Also, being relatively close to the center of gravity of the sun allows them to complete an orbit of that center in a relatively short period of time. The smaller



intermediate bodies will have a slower rotation rate, and because they reside closer to the surface of the sun and farther from the center of gravity, the time it takes for one of these bodies to complete an orbit of the center is more than for larger bodies. This concept of varying orbital rates is roughly illustrated in the cross section below.

Cross section of the sun showing orbit rates.

Vector A = 32 days
Vector B = 15 days
Vector C = 7 days
Vector D = 24 hours

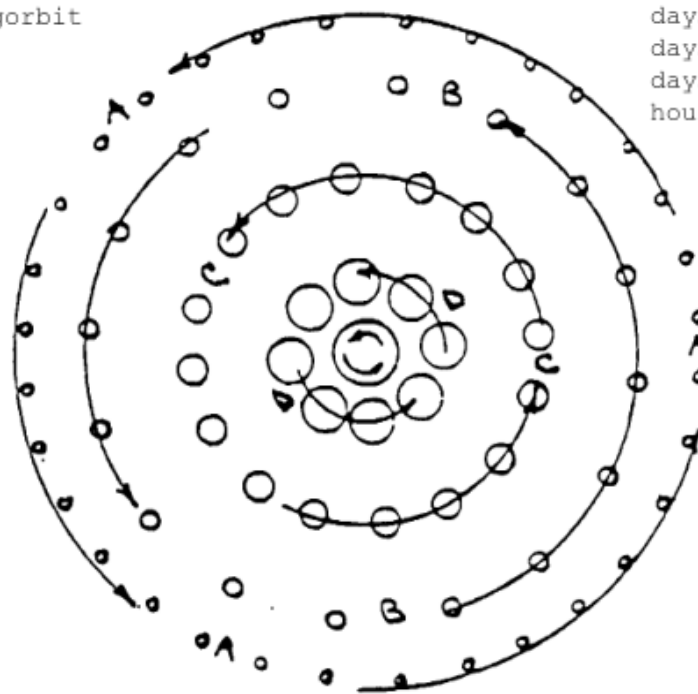


figure 34

At the exact center of the sun is found one huge body which is the exact center of gravity of the sun. Its rotation rate is so fast as to be measured in hours rather than days, and calculated in miles per second, the rate at the surface is astronomical. Surrounding and orbiting this central body are found the largest of the major bodies which together with the central body form the sun's core. These large bodies have



reached a relative balance in that their poles are aligned North to South, allowing them to operate as a strong unit of bodies. Due to the repulsive force generated by each of them, space still exists between them and they all continue to rotate individually, but the attraction between their poles is great enough that they remain "locked" in a magnetic embrace. Figure 35 attempts to illustrate this below.

SOLAR CORE

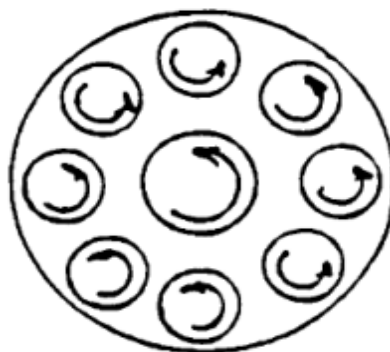


figure 35

The bodies which form the core of the sun also rotate as a single body, and so jointly produce a second, larger field of extracted energy (see test three, page four and figures 21 and 22, page twenty). This core represents the center of gravity of both the sun and of our solar system as a whole, and the powerful gravitational field it produces exerts a strong influence on bodies in close proximity, holding them tightly within a relatively small area, causing less space to exist between the major bodies than there would be if no core existed. Together the core and the major bodies comprise what



could be called the nucleus of the sun, and within this nucleus is found 99.9% of the total mass of the sun.



Though the actions of the core are very important in explaining the reasons for the eleven year cycle (and other cycles), reversal of the major poles of the sun, and other questions, these subjects are not vital to the goals of this particular paper and so the intricacies of core/nucleus dynamics will be addressed in a supplemental writing. For now it is enough if the reader will just keep in mind that it's there.

Before we move on it should be mentioned that the core and major bodies existing near the center exert a very strong influence on the smaller bodies nearer the outer crust. As they rotate and orbit the center at tremendous velocities, these massive bodies regularly manipulate the smaller bodies by means of the superior strength of their magnetic fields. When it happens that in their rotation and orbit a number of these major bodies come to have a major pole facing outward (toward the crust of the sun) it causes the smaller bodies to align themselves in accordance with the polarity of the major poles. All bodies within the sphere of influence of these major bodies continue to rotate and orbit the center of gravity, but have now become in effect a separate unit in that they will also rotate and orbit as a system of bodies for the length of time they remain under the domination of the magnetic field of the major bodies. These systems of bodies are continually realigning and reversing their polarity as the major bodies continue their rotation and orbits, and different bodies move into dominant positions. Systems of smaller bodies thus polarized we refer to as secondary bodies, and one example is illustrated in the cutaway diagram below.



Cut-away view of
the sun showing
secondary bodies

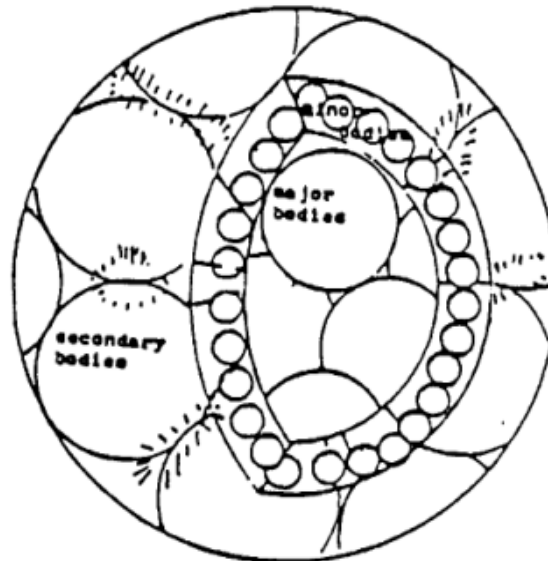


figure 36

Again, knowledge of the existence and origin of the secondary bodies is not vital to this particular paper, but if the reader would decide to pursue the subject of solar structure by investigating some of the fine work published in recent years, particularly in the area of helioseismology, a basic understanding of the dynamics of these secondary bodies allows one to quickly make sense of the results produced by this research. It is not difficult to see why these research stations are detecting such a wide range of frequencies (oscillations) from the sun as a whole, and frequencies within frequencies in the cases of polarized, secondary bodies. Clearly, when a major frequency is detected on the surface of the sun its cause is the fact that the secondary body is rotating as if it were a single body, while at the same time each and every minor body within this system also continues to rotate (oscillate) and so sends out an individual frequency.



Some of the computer models produced by the helioseismologists quite beautifully illustrate the multibodied structure of the sun (example: cover, Scientific American Magazine, 9/85) and the data on which the models are based does not conflict with our assertion that the sun is multibodied. On the contrary, their findings fully support our model of solar structure, and so deserve careful study by persons interested in our research on the sun.

SOLAR DYNAMICS

If basic solar structure is now reasonably clear in the reader's mind, the picture is not yet complete until we consider the violent forces at work within the body of the sun, because to visualize the many bodies within our nucleus as rotating and orbiting peacefully would be incorrect. Due to the various velocities involved, the many sizes of bodies all possessing independent magnetic fields and rotation rates, and the fact that as falling bodies they must orbit the center of the primary gravitational field through which they fall, conflicts are inevitable and ongoing. It would therefore be much more accurate to visualize the sun as a twisting, churning mass of bodies in a furious struggle to obey their "urge" to follow a given orbit at a given velocity and rotation rate, while they are simultaneously thwarted in this endeavor by opposition presented by the repulsive actions of other fields whose bodies vie for the same space in an effort to satisfy their own "urges". The net effect of these ongoing confrontations is a mass of bodies raging violently in constant conflict with neighboring bodies and experiencing compulsory



and often extreme interactions with the fields of force produced by the rival bodies.

It should not be difficult to visualize that as these many bodies rotate and attempt to follow a balanced orbit there will be constant confrontations, as two or more bodies are forced into poletopole interactions. When it happens that like poles of major bodies are thus compelled to interface, the repulsion between them is great. Clearly, however, the effects of such a confrontation will vary depending upon the number of bodies involved. In a case where only two like poles would come to interface, for instance, there would be a repulsion felt by other bodies in the vicinity, but the reaction would not be severe enough to be strongly felt on the outer crust of the sun, and so would not be visible to an earth observer.

In a case where multiple like poles of different bodies were forced into a confrontation, the result would necessarily be much more extreme. The repulsive actions caused by such a meeting of like poles would create a repulsive force so severe that it would be visible on the outer crust as a solar storm (or "sun spot"). At times, when many very large bodies become involved in such a confrontation the repulsion between them becomes so great that bodies on the crust are temporarily pushed out from the main body of the sun (i.e.: "flare" out). Though the repulsion is strong, it is not strong enough to fling these minor bodies completely out of the body of the sun, and so at a point where the attraction to the main body of the sun overcomes the repulsion caused by the reaction deeper within, the minor bodies are pulled back into the main body, where the repulsion caused by the continuing inner confrontation again pushes the minor bodies outward. This cycle



where the minor bodies are thus manipulated (or "pushed and pulled") is the reason why, to earth observers, the sun's surface appears to be "boiling".

Because there are so many bodies within the nucleus we call sun, these confrontations of which we speak are occurring constantly, and it is not unusual for any number of them to be strong enough to be felt on the outer crust at any given time. It is therefore not unusual for several or more of these to be major interactions which are visible on the crust of the sun, and which of course account for the oft photographed "spots" on the sun. The continuing motion of the more central bodies causing the "storm" easily accounts for the motion of these storm across the sun's surface, and following that cycle through, it is not difficult to see why these storms dissipate and then vanish when the more central bodies rotate away from each other and end their confrontation.

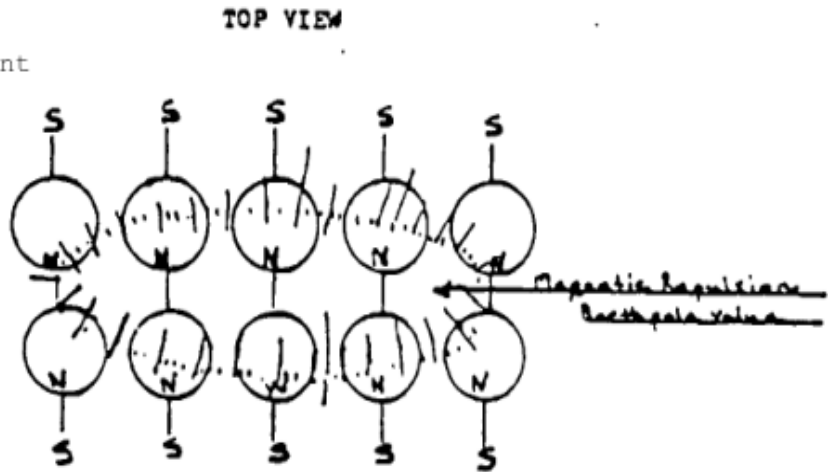
With the masses of scientific data published daily, our team has been unable to keep up with all new findings, so we're unsure whether researchers have found that these storms, sun spots, and flares they speak of have definite pole values, and for a fact, we aren't even certain instrumentation yet exists which would provide such information, but regardless, if it hasn't been officially determine yet it will soon be found that these storms on the sun's surface are not only magnetic fields, but have pole values as well. Storms caused by NorthNorth pole interactions of major bodies will create a storm with a North pole value, while SouthSouth pole interactions manifest on the surface as a storm with a South pole value.



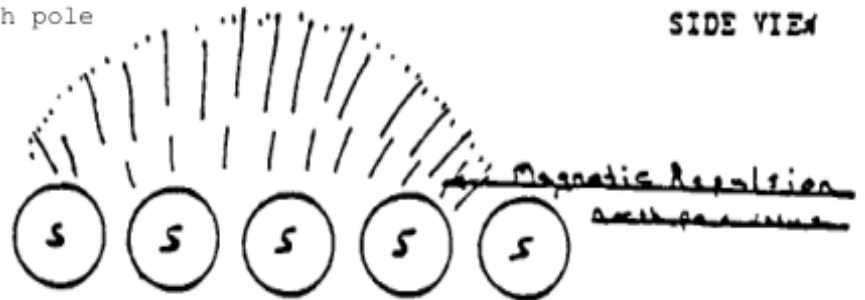
If we carry the discussion of like pole interactions one step further, a solar prominence is easily explained. As stated, like pole confrontations are occurring constantly within the body of the sun sometimes between North poles of various bodies, sometimes between South poles, and of course the resulting "storm" will reflect whatever pole value the confrontation happens to be. Now, it is not uncommon for a large NorthNorth pole interaction to be occurring in one location within the sun's interior while a million or more miles away a SouthSouth interaction is occurring between other bodies. As we've explained, the repulsive force created by such a like pole interaction is sometimes great enough to actually repulse minor bodies away from the main body of the sun, and that they are "pushed" outward to the point where the attraction of the sun as a whole overcomes the repulsive force of the inner bodies, and the minor bodies again are pulled back into the main body. In the case of a solar prominence, the minor bodies do not return to their original position. Instead, when the minor bodies reach the critical point where the repulsion they experience is about to give way to their attraction to the body of the sun, they "feel" the oppositely polarized bodies which happen to have been simultaneously repulsed by a neighboring (but opposite) like pole interaction, and they are drawn to it, traveling there in a great arc at a tremendous velocity. Concurrently, bodies repulsed as a result of the neighboring but opposite like pole interaction "feel" and are drawn to their opposite, again traveling in a great arc. This sequence of events are illustrated in the following series of diagrams.



North pole to North
polemagnetic alignment



Erupted mass is
polarized with a North pole
value.



South pole to South
polemagnetic alignment.

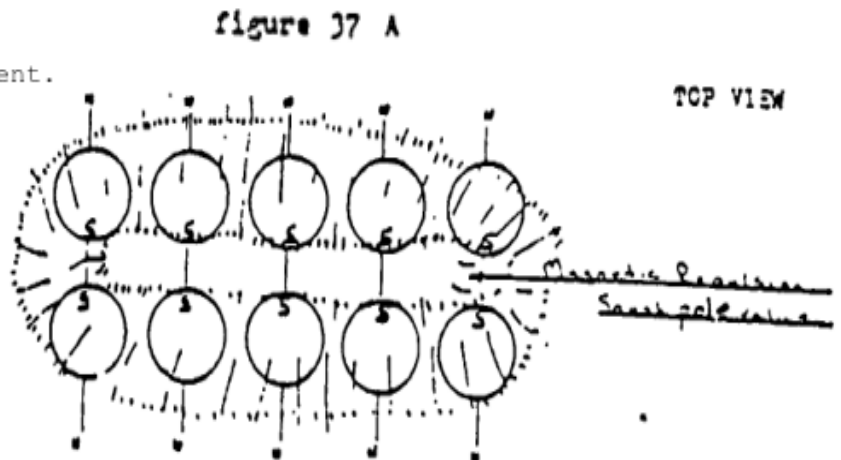


figure 38



Erupted mass is
polarized with a South pole
value.

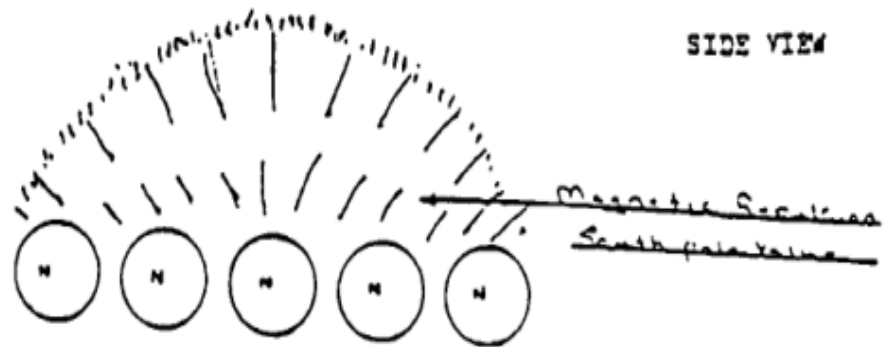
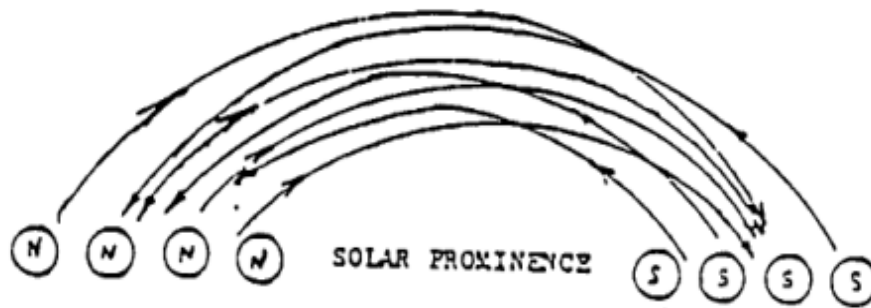


figure 38

Mass polarized North is attracted
to a South pole. while mass
polarized South is attracted to a
North pole.



North magnetic repulsion
as seen in figure 37

South magnetic repulsion
as seen in figure 38.

figure 39



Solar prominences are spectacular events which tend to puzzle scientists who hold with the theory that the sun is a nuclear reactor and gravity is exclusively an attracting force, but with an understanding of the multi-bodied structure of the sun, it is not difficult to see that such prominences do not require special exceptions to be written into physics to account for them. All they do require is two opposite but roughly equal like pole interactions to occur during the same period of time, and in the same general vicinity.

With the hope that like pole interactions are now reasonably clear to the reader, we will now move on to discuss those reactions which will seem to show a neutral pole value, ie., those reactions caused by unlike poletopole interactions between major bodies.

As with like pole confrontations described earlier, unlike (or opposite) pole interactions occur continuously between major and intermediate sized bodies, but are not always strong enough to be felt and to therefore be visible on the surface of the sun. Only when there are numerous bodies involved is the reaction severe enough to visibly affect the minor bodies, and when this happens, the effect is immediate and very dramatic.

When a major unlike poletopole confrontation occurs which involves many bodies, the attraction created between these bodies is enormous, and is strongly felt by bodies even on the outer crust. Instead of being pushed away as they are when like pole interactions occur, they are now pulled toward the bodies creating this huge attraction, and to earth observers the result will appear to be the manifestation of a gigantic "crack" or crevasse on the sun's surface which suddenly forms,



remains for a time, and then disappears once again. As with like pole confrontations, the visible effects of an interaction between unlike poles (i.e.: crevasses and valleys) dissipates and ends only when the major bodies causing the effect rotate away from each other to continue their orbits and confront new rivals.

If instrumentation exists and a study is made, it will be discovered that such a crevasse has no specific pole value, and will in fact produce a neutral reading, however, further investigation will show that the area to one side of the crack (or crevasse) does have a most definite pole value, while the area on the other side of the crevasse carries the opposite value. The reason for this is shown in the following illustration.

North to South
interfacing results in
crevasses and/or cracks

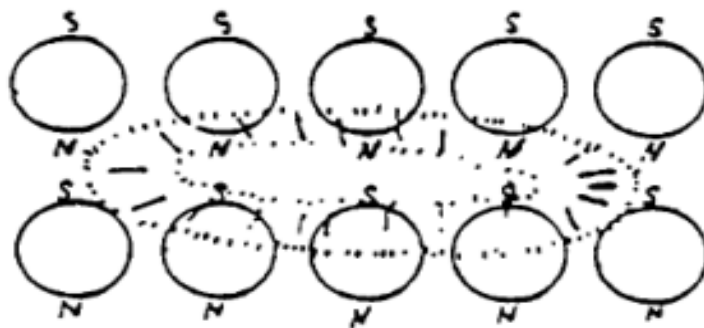


figure 40

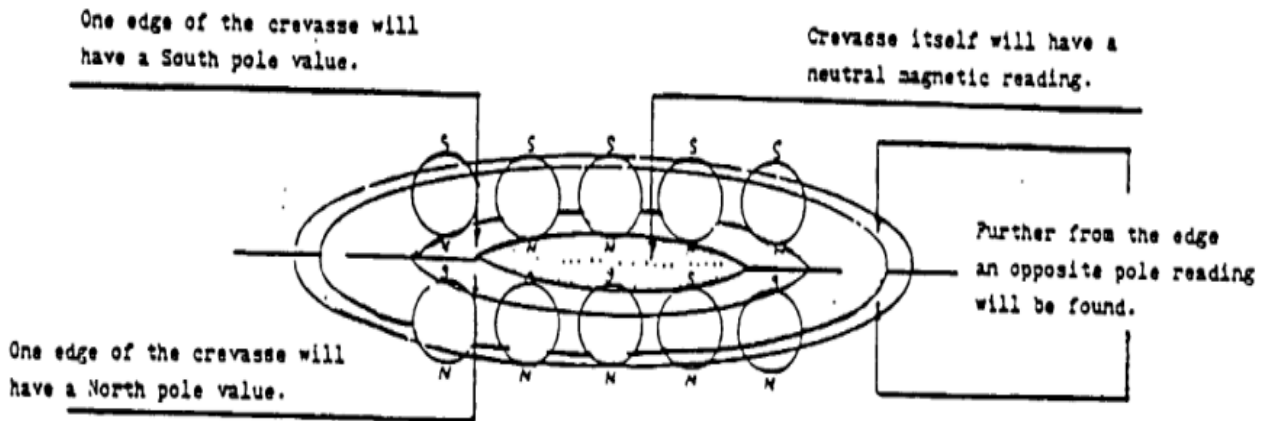


figure 41

These unlike pole-to-pole interactions are very important to fully understand, because this specific action is the foundation for future, more in depth discussions. For now it is enough if the reader can begin to visualize such interactions between bodies so huge as to make our earth seem like an insignificant speck of dust, and to begin to get an idea of the tremendous forces at work within our multi-bodied nucleus. When unlike poles interface they attract, and would prefer to remain in their position of alignment, but the forces exerted by the other equally massive bodies surrounding them (all of which are experiencing various interactions of their own) added to the force exerted by all bodies as they press forward attempting to satisfy their need to orbit and rotate, will not allow unlike pole alignments to remain intact for very long. With even a rudimentary grasp of the true nature of our dynamic nucleus, the sun, it should be easy to see that the great forces required to break an unlike poletopole



interaction are readily available, and act quickly to tear aligned bodies away from each other, breaking the magnetic bonds created by these strong but fleeting unlike pole alignments.

POWER GENERATION

We can state that, in the purest sense, motion is the force which powers our sun, for without motion the bodies within our nucleus would not build and maintain their individual fields of force, and would cease their orbits and rotation. Without motion, the bodies of the sun would retain no unified gravitational field, and so would simply drift apart. In this sense then, motion is the catalyst which powers the generator called sun. The power available is directly proportional to the velocity of the fall at the rate of velocity squared, and of course the greater the total mass, the greater the potential.

As previously seen in the study of falling bodies (segment two) the cycle of extracted (neutral) energy which makes a great loop and is then funneled back into the body at the poles is the gravitational field. We maintain that it is the flow of neutral energy (gravity) which causes a magnetic field to form in and around a falling body, and this also holds true for a multi-bodied formation such as our (or any) sun. Being comprised of many thousands of bodies, all with individual gravitational and magnetic fields, a sun can rightly be called a gravity machine.

As we have shown, all of these many bodies rotate and orbit at specific rates determined by their individual mass, etc. They



are all held within the sphere we call sun by the gravitational field produced by all of them as a unit (see test three, page four and figure 21, page 20). As these bodies rotate and or they orbit continuously shearing each other's lines of flux. A well demonstrated law of physics states that a "line" of magnetic flux will discharge the energy it contains at the point of breakage. This law applies directly to our (and every) sun. As these many bodies cut and break one another's lines of magnetic flux, the energy contained in that line is released at the point of breakage. Since there is no conductor available to accept the released energy, it is radiated. The energy released at the point of breakage is neutral energy (or gravity), and its shape is similar to donuts, or bubbles. When this energy is polarized, the result is heat, light, and all other energies produced by the sun.

It must be noted that when a line of flux is cut or broken, the energy released is moving at a velocity, in excess of the velocity of light. From the point of release, this high velocity neutral energy travels one of two main pathways. It will either escape the body of the sun in its high velocity, neutral state, or it will slow to below .9 times the velocity of light and convert to mass.

When flux lines of major bodies deep within the sun are cut the energy released is at a tremendous velocity, and is radiated outward, toward the crust area. On its way, it encounters the repulsive fields of the many bodies between its point of origin and the outer crust, and each time it feels such a repulsion it loses velocity. As their velocity decreases to below .9 times that of light, these bubbles of energy begin to "pile up" on



each other, forming into mass (see fig. 26, page 24). The resulting minute particles of mass now begin to assemble into systems of particles, and then into systems of systems, or atoms. These newly formed and simple atoms are exclusively hydrogen (all three weights) but because their assimilation is occurring very rapidly, they are not always well balanced atoms, and usually form into either very light or very heavy hydrogen, which is extremely isotopic by nature. Because of this rapid assimilation these atoms lack the energy required to achieve balance, and energy radiated by the sun is moving at such a high velocity that the new atoms cannot capture and utilize it in their assimilation. Lacking energy and being very isotopic, the new atoms combine with one another in an attempt to balance themselves. The result of this "joining" is a hydrogen fusion reaction which takes the form of a massive hydrogen implosion near the surface of the solar generator. The atoms formed as a result of this joining contain more particles, but now their lack of energy is even more pronounced, which sets up the next implosion reaction. This need to achieve a balance assures that implosion reactions will be ongoing.

We could go into much finer detail here, but for now it is enough if we've managed to explain two major points. First, the sun is not in the process of burning out, as is currently taught, but rather is continually building mass, and is therefore growing larger every day. Secondly, it should be realized that these hydrogen implosions are nature's way of attempting to replace imbalance with balance, and so in a very limited sense, hydrogen fusion is a thing of nature.



To now briefly address the fate of energy radiated from the sun in a neutral state we must turn our attention to energy produced closer to the surface of the sun. Though most of this paper has focused on actions of the major bodies, it must be remembered that the minor and intermediate sized bodies experience the same cycles, and so also release energy when their lines of flux are sheared. Being closer to the crust area, energy released from these smaller bodies have a much better chance of traveling to the surface without losing much of their velocity. Those bubbles which succeed in retaining a velocity above .9 times that of light travel outward, toward the boundaries of the gravitational field of the sun. If they encounter no obstacles to slow them down, most of them will eventually make a great loop and return to the sun as input energy at the sun's poles. If, on the other hand, they run into a barrier or an object which abruptly slows their velocity, these bubbles collide and join with other bubbles similarly slowed to form a frequency, as shown below (see also test eight, pages ten and eleven).

NEUTRAL ENERGY TO POLARIZED ENERGY

When bubbles of
neutral energy collide,
the bubbles unite,
forming polarized energy
(ie., mass)

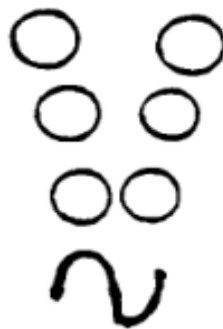


figure 42



Only when thusly polarized do these bubbles of energy create heat and the various lights in the spectrum. This is why space is cold and dark. Remember too that bodies produce energy bubbles which are of a size proportional to the size and velocity of the body from which they've been released. This explains why there are so many frequencies of light everything depends on the original size of the bubble smaller bubbles manifest as shorter frequencies, and larger bubbles manifest as longer frequencies.

SUMMARY

In other disclosures we have warned of future fusion reactions in our own atmosphere, and hopefully now the reader can see that these warnings have a firm foundation. Minute particles released through nuclear fission on earth ultimately result in the formation of the same type of low energy hydrogen described earlier in this paper. Nuclear fusion is a thing of nature in the sense that it's the method employed by nature to attempt to balance low energy atoms. It is a natural reaction and is common and beneficial to the sun (adding new mass to the solar generator), but on earth the results of such reactions will be tragic and highly destabilizing. It is our view that such reactions are already occurring on a small scale on our planet, and that some have even been witnessed. We again warn that this is only the beginning. Fusion reactions will continue to occur with increasing frequency and strength, leaving severe environmental repercussions and heavy loss of life in their wake. These fusion implosions are able to occur anywhere these fission released particles have gathered, so in a very real sense, there's no safe place to hide from this threat. Our only



option now is to repair the damage fission has done to our planet, and it is not beyond our power to do so, for now we can produce the same energy as does the sun. This technology, coupled with a correct understanding of nature's laws, are the tools required, and we say again we've tested a small model, and have produced the repulsive force. This is the reason we are so very certain that our predictions will come to pass - the theory is correct. All that remains to be done is to further develop and perfect the technology, and then apply it to heal the most grievous wounds suffered by our earth.

As always, the most difficult task in assembling a paper such as this is trying to decide how much to say now, versus what can and should be said later. It is our hope that the decisions we've made in this regard were correct, and that the material we've included will succeed in presenting the broad overview of solar structure and function we sought. If our effort has indeed been successful, we will have left the reader with a good idea of solar structure, and more importantly, of the dynamics and method of power generation employed by our life-giving nucleus. If it is now clear why we say the sun is not a nuclear reactor by current definition, then we have come a long way toward reaching our most urgent goal. Once it is understood that not only is fission antinature, but is in fact killing our planet, perhaps the people of earth will at last join together and declare, in unison, "ENOUGH IS ENOUGH".



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Theory of Falling Bodies II

As a body begins to fall a centrifugal force is applied to the body and is "felt" in the opposite direction of the fall (figure 43).

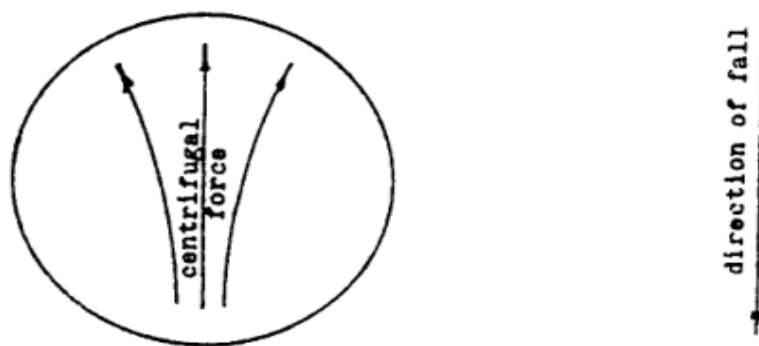


figure 43

This centrifugal force results in mass being "compressed" at the upper portion of the body i.e., in the opposite direction of the fall (figure 44).

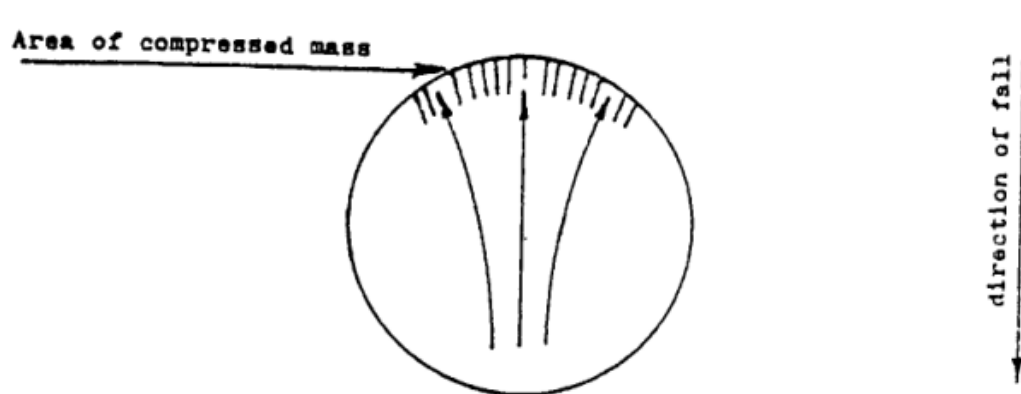


figure 44



This area of compressed mass results in an area of greater density. To obtain greater density of any mass, the "space" within the atoms which comprise that mass must decrease, and therefore, the atoms within the compressed area of the body begin to "shed" that space (figure 45).

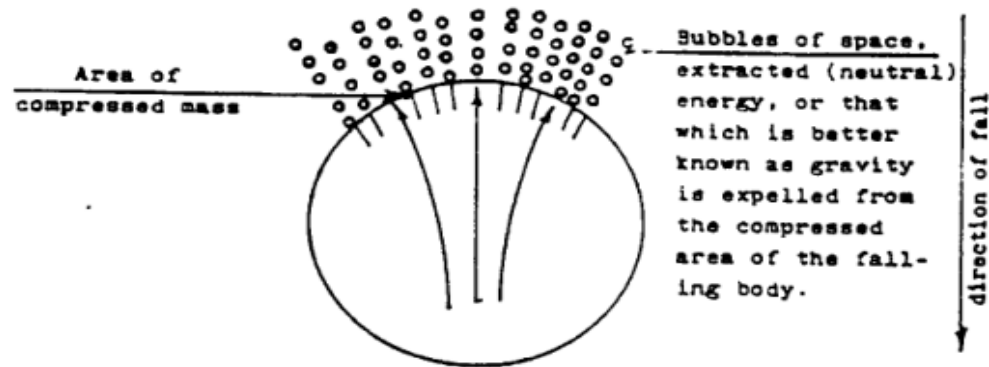


figure 45

The compressed area, due to centrifugal force, results in an area of densified mass. This increased density results from the expulsion/extraction of the space (i.e.: gravity) contained within the atoms of that mass prior to the onset of the fall. The extracted energy from the upper portion of the body may be seen as the male factor in that its area has a higher concentration of gravity, and therefore a greater gravitational value than surrounding areas. The female area of the body, due to the motion of the body, is an area of lesser concentration of mass, causing this mass to seek to expand. The mass in the female area of the body requires "space" to accomplish an expansion of the atoms which comprise the mass (figure 46).

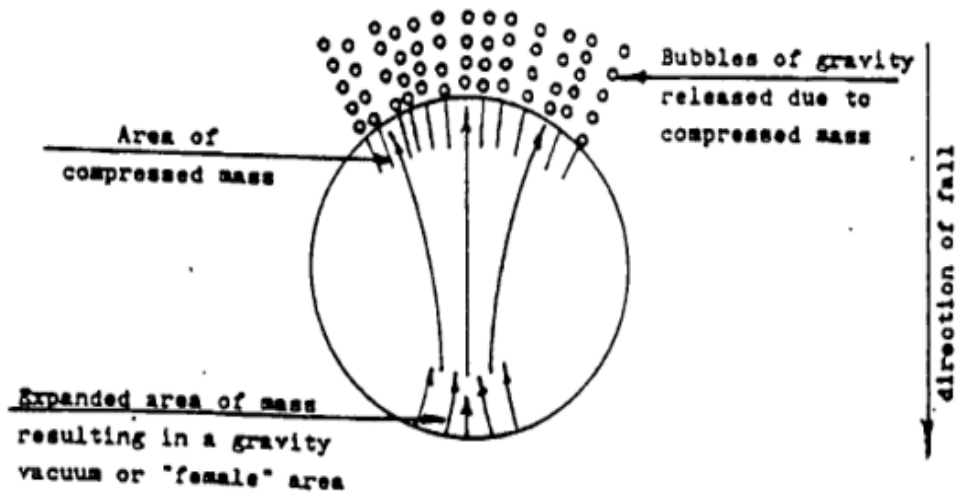


figure 46

The male area of the body has a higher than normal density of mass and is surrounded by greater value of gravity than is the female area. Nature will always seek balance, and in the case of a falling body, this primary directive of nature is manifested by the female area "feeling" the greater gravitational value of the male area and moving toward it. This action results in the rotation or "spin" of the body.

During those early stages of a body's fall, its velocity is continually increasing, and the greater the velocity of the falling body the greater the rotation rate or spin value of that body. Due to this rotation/spin, the previously discussed centrifugal force is now being distributed around the entire body at the leading edge of the fall, or equator of the body. Centrifugal force causes mass to densify along this equator and



to therefore expel space (i.e.: gravity). As the value of the rotation/spin increases in value, neutral energy (better known as gravity) is expelled or extracted along the entire equator of the body (i.e.: the leading edge of the fall) in ever increasing amounts (figure 47).

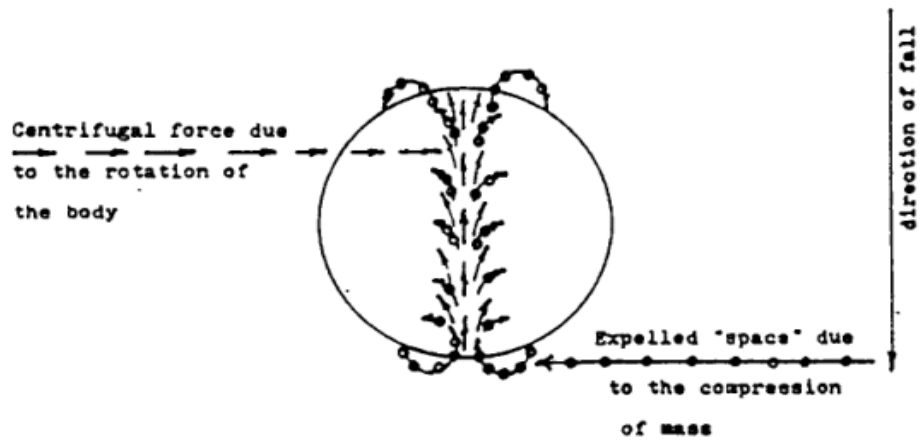


figure 47

We will now turn the body ninety degrees and observe a cutaway view (figure 48).

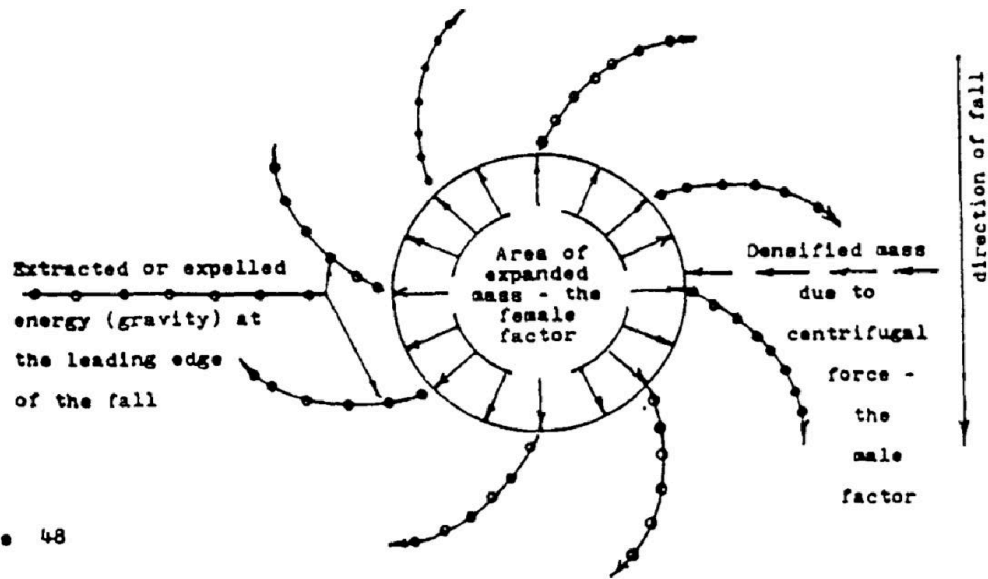


figure 48



Upon exiting the body the extracted energy moves or "flows" in a direction that lies parallel to the body. This results in the "bubbles of nothing" called gravity orbiting the falling body, and due to the continued motion of the body, each orbit completed by a given "bubble" is slightly larger than its previous orbit (figure 49).

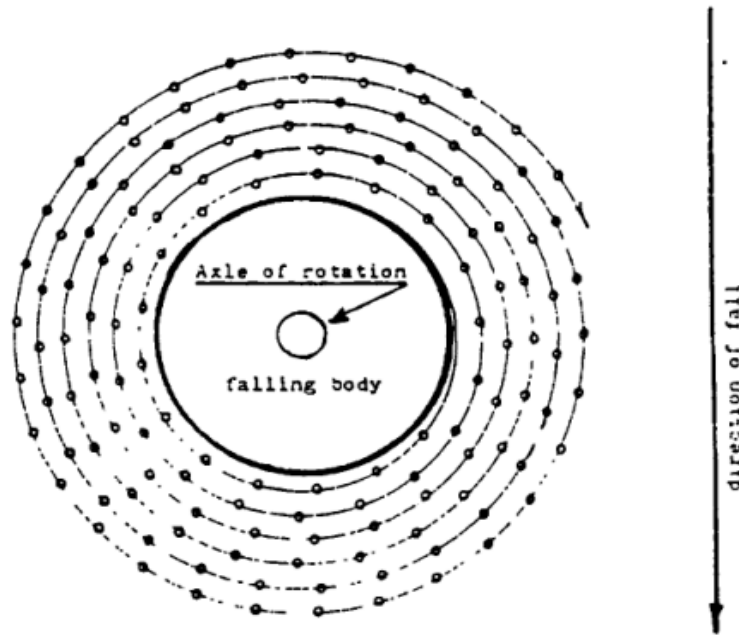


figure 49

As the "squeezed out" space of the compressed or densified mass leaves the falling body it instantly obtains a greater spin velocity, which in turn tends to further the rotation/spin value of the falling body itself. The people of the Project Stardust team refer to this extracted or repelled energy as gravity A. During the times of Newton this flow of gravity was assumed to be a force which "pulled" towards the center of the body an understandable misconception in those early days. Now,



however, we know that gravity is a push, not a pull, and in fact pushes beings or things existing within the area of this flow toward the surface of the body as it cycles around that body.

The rotating or spinning body must have an axle of rotation. The center of the axle of rotation obtains a zero, or near zero value of motion, and therefore, little or no centrifugal force is felt at the axle. With very little centrifugal force there is no compression mass along this axle. At the same time, the leading edge of the body (90 degrees from axle) is experiencing great centrifugal force, and mass along this equator is compressed. At the center of this equatorial plane then, lies a point of zero or near zero motion, which again will contain no compressed mass. It is in these areas of low or zero motion where the mass has "room" for expansion, and the atoms within this mass will seek to expand. To accomplish expansion, space (gravity) is required, and where there is an area which lacks sufficient quantities of gravity, there can be said to exist a gravitational void or vacuum. Quite clearly, it is at the point where the axle of rotation and the equatorial plane intersect which will present the greatest gravitational vacuum (figure 50).

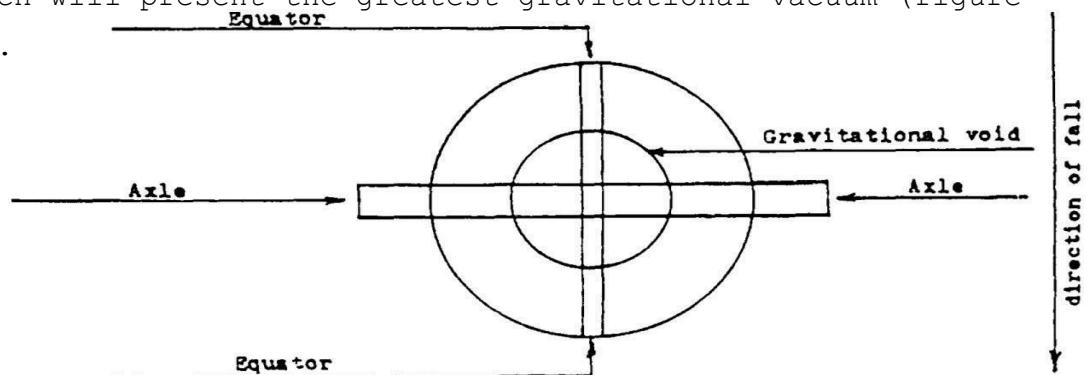


figure 50





This situation creates a difference in potential between the dense gravity at the equator of the falling body and the lack of, or the "need" for gravity along the axle of rotation. We can therefore view the axle area as a positive, or female area, and the leading edge equator of the body as negative, or male in respect to the axle.

This difference in potential between the male and female areas causes the outwardly spiraling neutral energy shown in figure 49 to also move toward an axle area. The extracted energy (gravity) will flow from one half of the sphere (body) towards the nearest axle area, while energy extracted from the other half of the sphere will move towards the opposite axle area (figure 51).

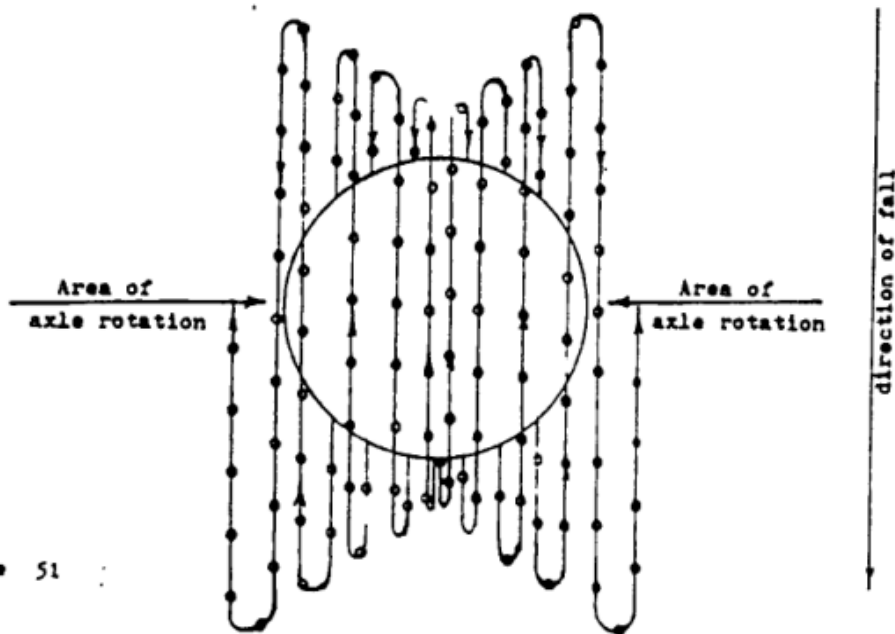


figure 51 :



We will now turn figure 51 ninety degrees and observe the axle of rotation as illustrated in figure 49. In figure 52 we will attempt to show the return of extracted energy to the falling body. Figure 49 Illustrates the outward flow of gravity, and in that figure the outermost line indicates the farthest reaches of the gravitational flow. This "edge" of the gravitational field is designated by an arrow in figure 49, and in figure 52 we will pick up where that arrow left off, and attempt to show the gravitational flow back into the body (figure 52).

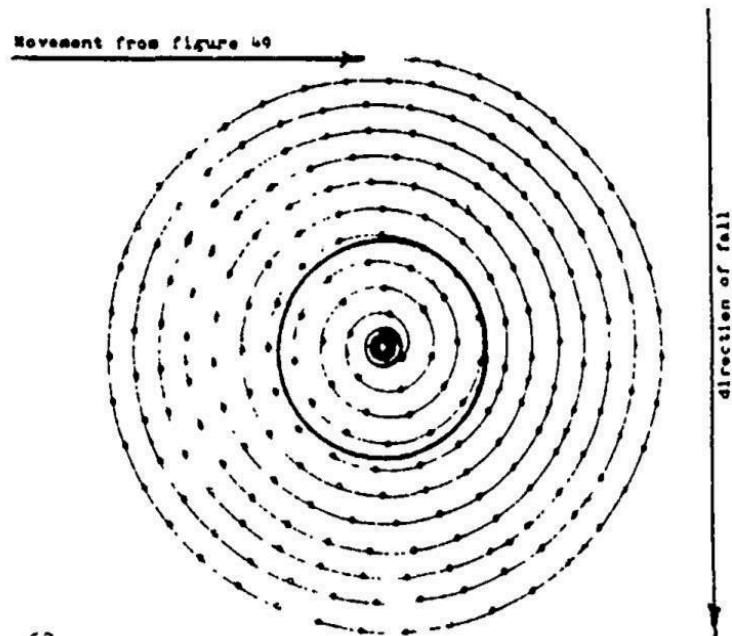


figure 52



We now take note of a very interesting phenomenon of falling bodies. The gravitational "flow" just described is moving in the same direction in both hemispheres of the falling body, and also moves in the same direction as it re-enters the body. However, when one observes the falling body at an axle area, the ingoing vortex is perceived to be moving a given direction (i.e.: clockwise or counterclockwise), while an observer stationed at the other axle would perceive the ingoing vortex to be moving in the opposite direction. This perception is misleading however, for in reality both vortexes are moving in the same direction (figure 53).

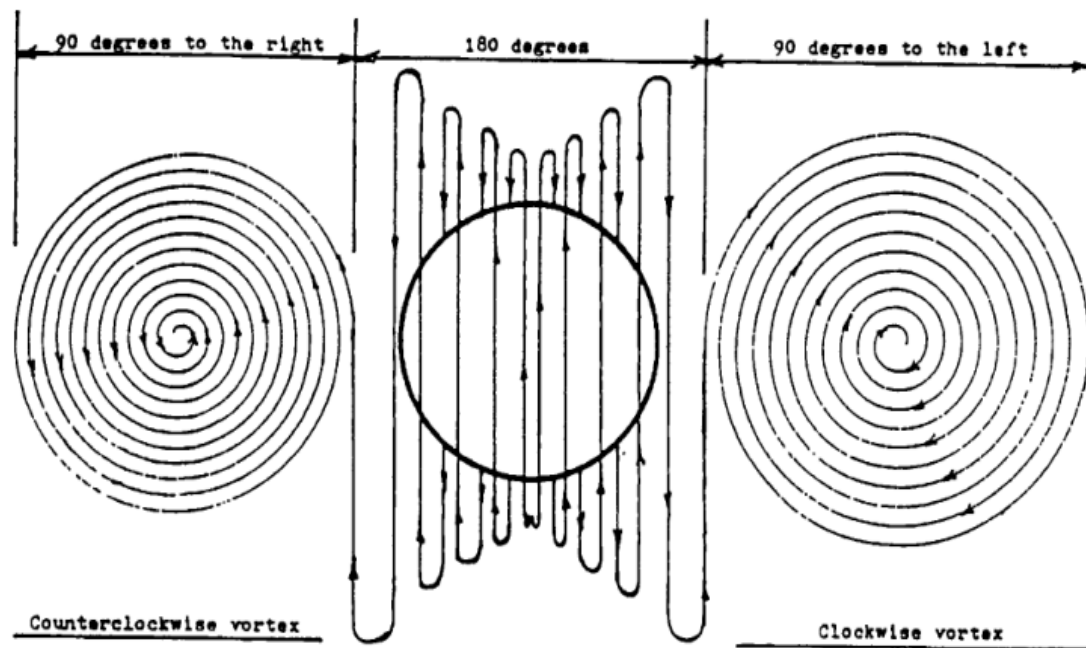


figure 53



This phenomenon is very difficult to clearly show in an illustration, yet it is absolutely vital to an understanding of atomic particle assimilation/atomic structure, so if this concept is yet unclear, we suggest the reader take a moment and test it out first hand through the following simple means.

Take any spherical object that's handy a ball, orange, grapefruit, etc. and designate an axle on each end of the sphere. Now, with one of your axles pointing upwards, draw a curved arrow around that axle to denote the direction of gravitational flow. Lift the sphere straight up and place a curved arrow around that axle also making very sure that when viewed from the side, the two arrows are pointing in the same direction. Next, look at the top of your sphere and note whether the arrow points clockwise or counter-clockwise, then, turn your sphere over and note the arrow points in the opposite direction. Much becomes very simple and logical when one realizes that seeming contradictions in nature do not require one to concoct exceptions to every rule, but merely to understand the rule.



ELECTRIC/MAGNETISM

We have seen why a falling body begins to rotate/spin, and we've seen that the same factors of greater/lesser potential (due to centrifugal force) produce the mysterious force now spoken of as "attractive" gravity. Now we will move into a discussion of the Siamese twin of gravity and attempt to explain the creation of a magnetic field. To do this we must first find solid footing to build upon, and so must back up to the time of empirical science and the infinitely valuable and reliable work of Michael Faraday.

Michael Faraday discovered through hands-on experimentation that a spinning disc resulted in a flow of electric (mass) from the circumference of the spinning disc to the axle of the disc (figure 54).

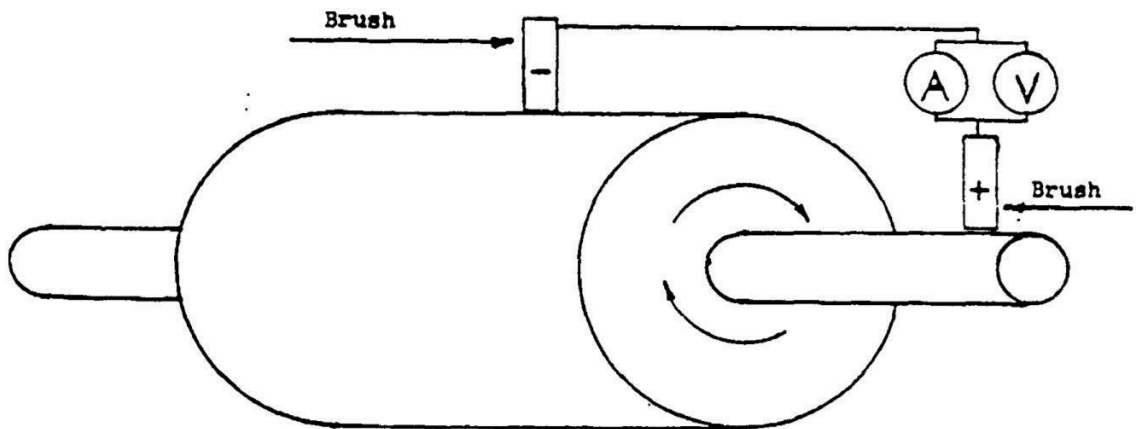


figure 54



Please note that existing drawings of Faraday's "unipole" generator show opposite brush polarities. Until very recently it was believed that electric flowed from positive to negative. Faraday found that an increase of R.P.M. resulted in an increased electrical flow. He also found that a consistent R.P.M. with an increased circumference of the disc would result in an increase of electrical flow. We can therefore deduce that the sum total factor is the velocity of the circumference.

We will now look at the element consistency of a disc at rest, ie., not turning (figure 55).

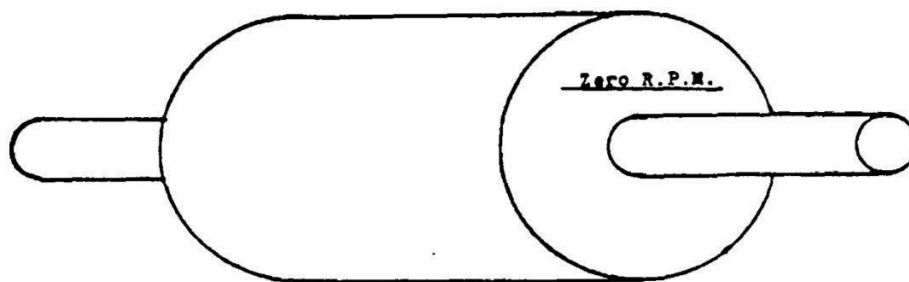


figure 55

As the above disc (which is not turning) is carefully checked with instruments, it is found that the disc is absolutely isotropic. This simply means that the atoms in the disc are consistent and in balance, and that each atom within the elements of the disc are using equal amounts of space. Now, using the very same disc but turning it at a rate of 2000 R.P.M. we observe a complete change in the consistency. The axle and the area in the immediate vicinity of the axle become



severely isotopic. In turn, the circumference of the spinning disc becomes severely radioisotopic (figure 56).

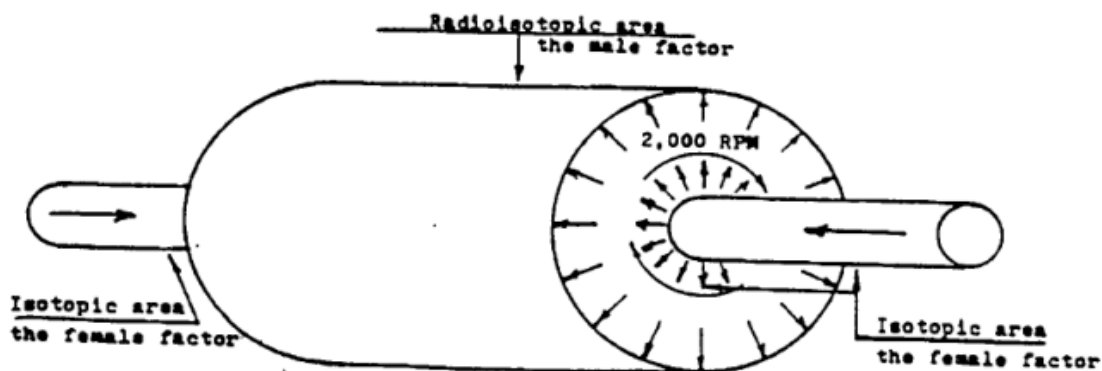


figure 56

We have seen that a falling body produces an area of compressed mass which in turn causes the body to spin/rotate. We've seen that to compress mass the space the atom normally possesses is reduced, and that this extracted energy (gravity/space) then detects the lesser gravitational potential at the axle - at which time it moves toward this void and re-enters the body. It has likewise been shown that this extracted energy, in its travels around the body, "pushes" all things existing within the gravitational field toward the surface of the body. This is gravity A - the "attractive portion" of gravity.

With all of this reasonably clear we may now continue on and examine the inertial force which allows the Faraday generator to function, and in so doing we can readily show why a falling body produces a magnetic field.



That which generates the "power" to produce a flow of electric (i.e.: mass) is motion. Motion is the result of gravity, and without gravity there can be no motion. The value of electrical

flow is directly proportional to the velocity of the motion. Once again we turn to the Faraday generator (figure 57).

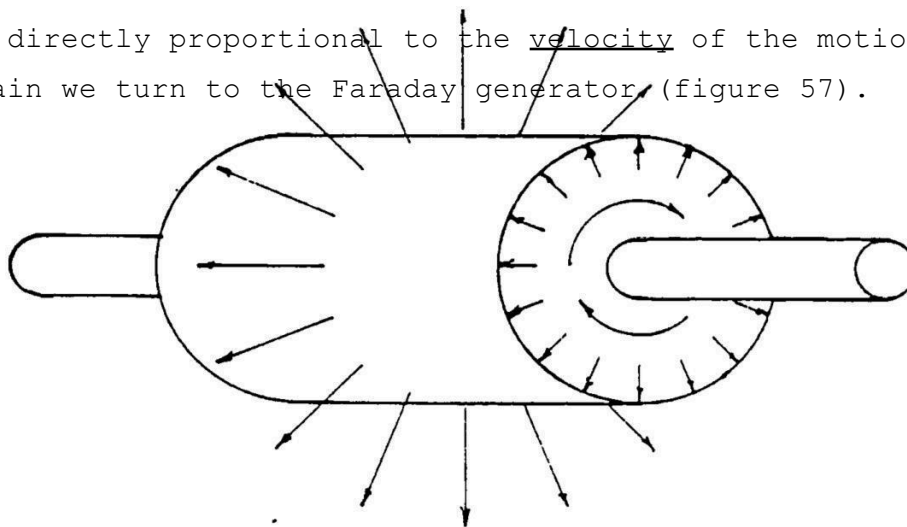


figure 57

Due to centrifugal force, mass is forced from the axle area toward the surface of the spinning/rotating disc, and the movement of mass from the axle area to the circumference (surface) is very rapid. This rapid movement of the mass results in the moving mass obtaining an inertia force. The inertia force experienced by the atoms and particles is so great that this mass is thrown out, or leaves the rotating disc. This forced out mass results in the area around the disc (or body) being filled with high velocity particles and atoms of mass. This area is then said to be filled with electric.



The axle area of the rotating/spinning disc or body now presents a condition where mass is "missing". The axle area of "missing mass" is now seen as a positively charged area (or female factor). The escaped mass (i.e.: electrical field) around the spinning/rotating disc or body becomes the male factor and can be seen as or measured by instruments as a negative charge. At this point then, the disc is in an unbalanced state, with an abundance of mass around the circumference, and a severe absence of mass along the axle. The mass ejected due to inertia forces will continue to move out away from the disc until it detects the difference in potential between it and the axle, at which time it will move toward the axle and re-enter the disc in order to re-establish balance between the male and female areas.

It is commonly known that electric will follow the path of least resistance. Should a brush be placed on the axle and on the circumference of a spinning disc with a conductor between the brushes, a current (or electric) flow will exist in the conductor. In the case of the ~~stepper motor~~ generator, should brushes and conductor not be used, an electrical flow is detected from the circumference of the rotating body to the axle areas through the air (figure 58).

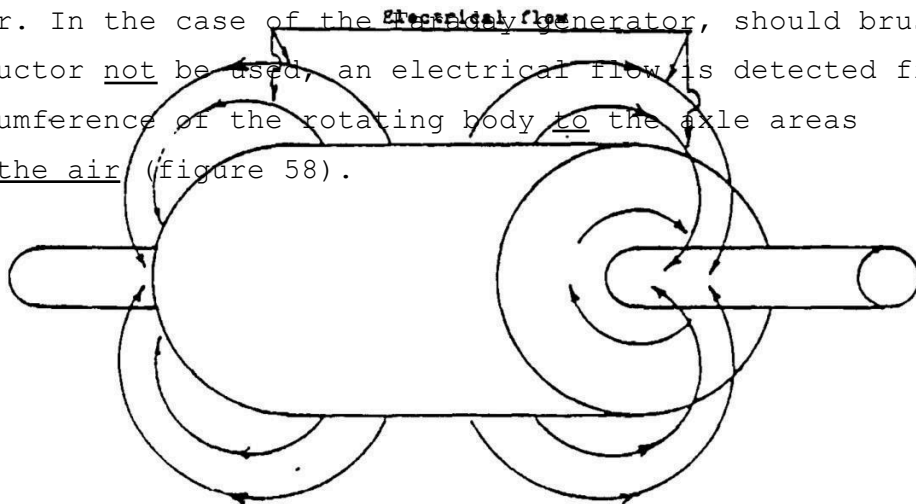


figure 58





This flow of electricity has been proven through careful testing by the Project Stardust team and by researchers globally. Now, by applying what has been said to a falling body, the "secret" of the repulsive force can be seen, and a primary consideration in this discussion is direction of motion - and the direction of an electrical flow can be predetermined.

If the Faraday generator were placed in a concise east-west direction before being rotated, and if the generator were to be constructed of a material with a low permeability value, the flow of electric would be as shown previously in figure 58. However, should the same generator be placed in a precise magnetic north-south direction, the electrical flow will be as shown in figure 59.

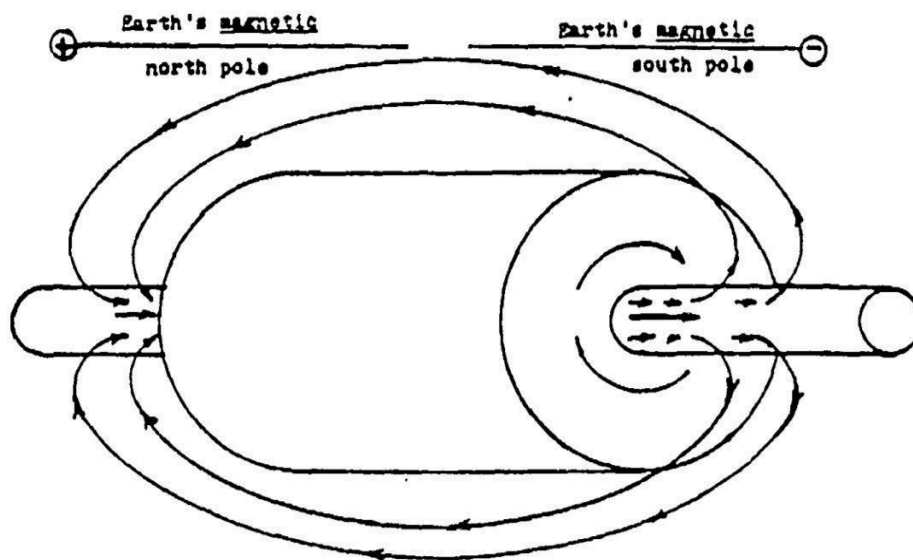


figure 59



This flow of electric to the north (+) magnetic pole of this planet is due to a very common fact - electric (i.e.: mass) follows the path of least resistance. So that there is no confusion as to why this is the path of least resistance we will pause momentarily and speak of terrestrial electricity. That which is called atmospheric electricity flows from the south magnetic pole of planet earth to the north magnetic pole. Although this south (-) to north (+) flow of atmospheric electricity is grossly distorted (sometimes so much so that it flows west to east), the main flow is nevertheless from pole to pole. To follow the path of least resistance the electric (mass) produced by the Faraday generator must flow with the electric flow of planet earth. To flow against the earth's atmospheric electric flow would create resistance to the flow of the generator, and so it will not take this path. The law applies -electric follows the path of least resistance.

Having clarified that point we may now apply what we know of the Faraday generator to a falling body in general, and so move a bit closer to understanding the elusive repulsive force.

To quickly review: a falling body rotates due to centrifugal force, creating an area of compressed mass. When a falling body rotates/spins, centrifugal force is applied at the equator, or leading edge of the fall. This in turn causes the atoms and particles within the body to be affected by the law of inertia and to be ejected from the falling body (see figure 60).

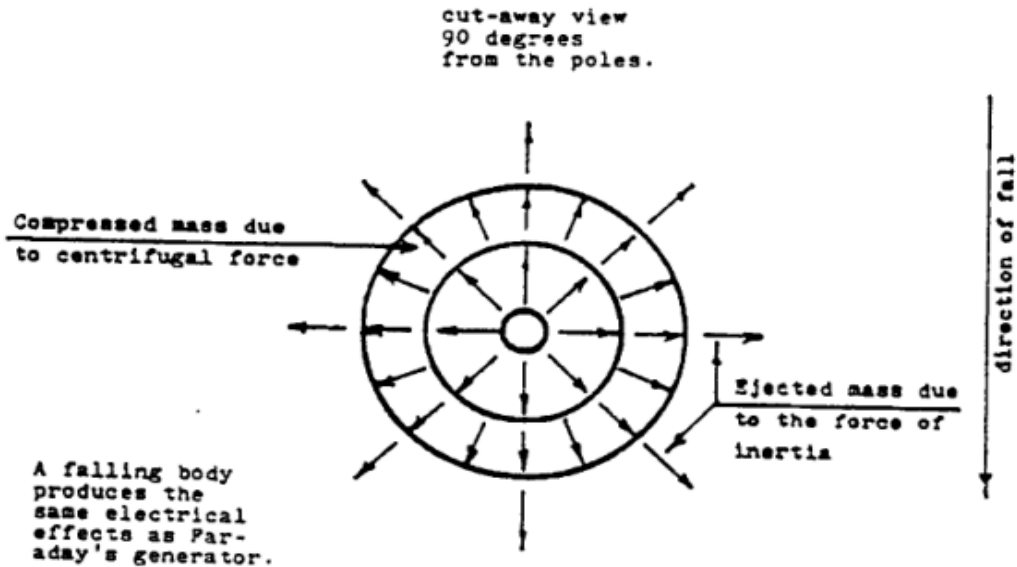


figure 60

It is now time to show some of the finer details of what was happening to those test balls by applying what we know of gravity and magnetism. Figure 61 illustrates the rotation and electrical flow of one of our test bodies (see paper titled Tests and Results, test 6, page 8, figure 9) in respect to the planet earth.

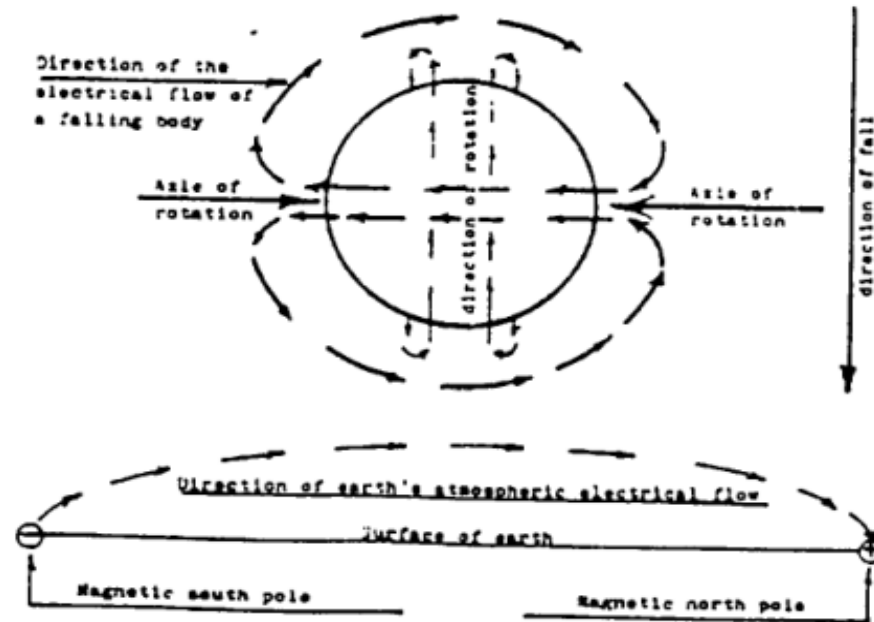


figure 61

By studying figure 61 it can be seen that, as with the Faraday generator, the electric flow through our test body follows the path of least resistance, and so aligns with the pre-existing electric flow of planet earth. Electric is simply mass in notion, and mass has magnetic properties. That which determines pole values is the direction of electric flow. The electric flow of our test body is moving in the same direction as the electric flow of planet earth, and so the mass which comprises the electric flows of the test body and planet earth are polarized in the same direction. A common and often demonstrated law of physics states that unlike magnetic poles attract and like magnetic poles repel. Pole values are established based on the direction of electric flow, and so there will be a repulsion between two flows of electric which are moving in the same direction. This can be seen by



reproducing the classic test where two inductors are placed side by side and a flow of electric is passed through the wires in the same direction. The Inductors (wires) will be pushed away from each other. By studying figure 61 it should be clear that the same law is in effect, and that the initial but minor repulsive force felt by a falling body is due to magnetic repulsion, simply because like poles (directions) repel.

Our test body had only a short distance (2000 feet) in which to fall. Had it been able to continue its fall it would have continued to increase its velocity until balanced gravitational and electric (mass) cycles were established. A falling body which is allowed to continue its fall will continue to expel mass at increasing rates until reaching a balanced threshold. Not all of the mass thus expelled travels the same route back into the axle area of the body, but rather tends to "spread out" as the body continues to accelerate. As with the Faraday generator, this ejected mass will continue to spread out until it detects the lesser potential of the axle, at which time it will then move toward and re-enter the body at the axle area, (figure 62).

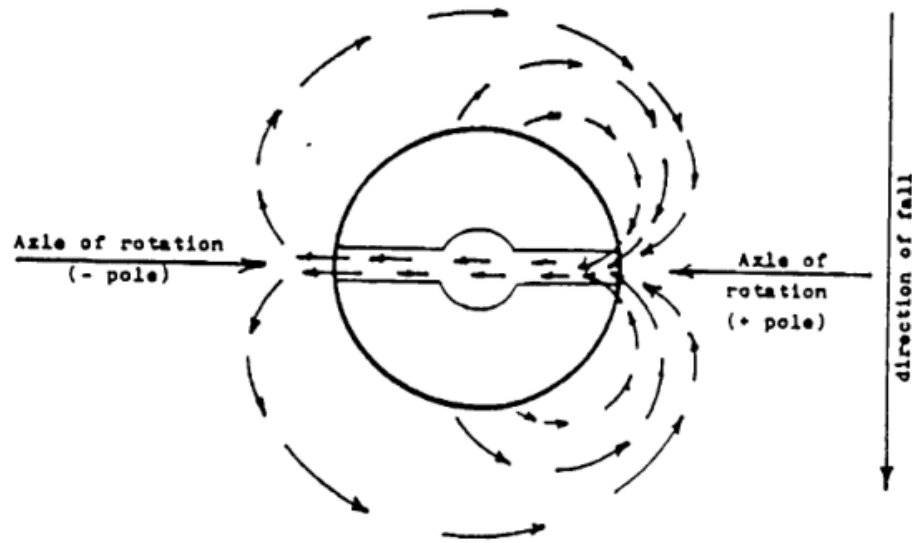


figure 62

As those different flows of mass establish themselves, they quite clearly are moving in the same direction, and so are of like polarities. This means that there will be a repulsion between these different flows of mass, resulting in these flows establishing shells or "lines" of moving mass which are separate from one another.

It must be apparent that a so-called magnetic field is not merely the "effects of" a flow of electric, as pseudoscience teaches, but rather is a flow of electric (i.e.: mass). There is nothing mystical about it - a magnetic field is simply mass in motion in a given direction. If this can be comprehended, we may now proceed to consider the inertia forces applied to these shells of mass, and in so doing we can at last rescue gravity from the "effects of" pseudoscience.



As the magnetic field around a falling body expands, the outermost shells must obtain a greater velocity than the inner shells in order to keep up with the rotational rate of the body below. This need for greater velocity within the outer shells is due to the simple fact that mass within these shells have a greater distance to traverse than the inner shells, yet must travel this distance in the same amount of time as mass in the inner shells. The principle is clearly seen by observing the velocities involved in a wheel, ie., a point near the axle moves with the axle, but travels a much shorter distance than a point on the edge of the wheel, which also must keep up with the movement of the axle. The point on the edge of the wheel must move faster than the point near the axle.

Due to the inertial force applied to the mass in the outer shells (lines) of the magnetic field, there is a point where the outer shells can no longer keep up with the surface of the falling body. When this happens, the outer shells begin to slip, which then allows slower moving (i.e.: more inner) shells of the magnetic field to "pass" the outer shells (lines). This slippage is of the greatest value on the equatorial plane (the leading edge of the falling body) where the inertial forces are greatest.

The mass within these shells are en route to the axle area, to balance the "need" for mass there. These shells are rotating with the body, and are of varying velocities depending upon how far from the surface of the body they are. The axle areas, on the other hand, rotate very slowly compared to the rotation rate of the magnetic shells. Now, this means that as the mass from the shells enter an axle area they will "back up" to some extent, forming great vortexes above and leading into (or out



of in the case of the opposite axle) the pole (or axle) area. As was the case in the gravitational cycle, one polar vortex will move clockwise while the other moves counterclockwise.

Between the stresses placed on outer shells by this "twisting" at the poles, and the aforementioned slippage along the equatorial plane, great pressures are felt by these outer shells, causing them to stretch. When these shells reach the point where they can no longer keep up and can stretch no further they will shear (break). A common and oft demonstrated law of physics states that a magnetic line of force releases the energy it contains at the point of breakage. What they call the "energy" within a magnetic line is mass, and once released, this mass must go somewhere, and so will instantly join with a nearby line of force which is still intact.

Many velocities are involved with the mass released from a broken line of force, but in this paper we will consider only the two primary velocities. First, the velocity of the mass within an unbroken line of force has been demonstrated to be the velocity of light (c). This velocity is obtained as mass exits one pole and moves toward the other - on the exterior of the body. The second velocity to consider is the added velocity applied to the line itself as it attempts to "keep up with" the rotational motion of the surface of the body. (This precise velocity is variable, and depends largely on the value of the magnetic field itself and on the spin/rotational value of the body as a whole). When a magnetic line of force is sheared, the mass within that line experiences the additive effect of these various velocities, and therefore is released from the broken



shell at a velocity slightly greater than that of light ($>c$), and immediately joins an existing line.

Mass thus released from a magnetic shell leaves in its former position a "hole" which has a velocity greater than that of light. This hole may be visualized as a bubble of nothing, or an absolute vacuum which is moving too fast for any mass to catch up with and fill it. This bubble of nothing (space) is repelled by the mass which produced it and vice versa. If not restricted, this bubble will move away from the body and continue to accelerate, with a top velocity in the area of c^2 . This is gravity B - the major repulsive force.

Gravity B offers the greatest value of repulsion at the point where the velocity of c^2 is attained. From that point on, due to ever decreasing concentrations of gravity B (as it spreads out from the body) it will begin to lose its repulsive value at an inverse rate of its distance squared.

The primary factor determining the specific value of both the major and minor repulsive forces is the permeability of the body, and this fact was clearly demonstrated through our actual, non-apocryphal tests with falling bodies. Note for example, test 2, figure 2, on page three of the paper Tests and Results. The iron ball used in this test had been manufactured for us by a local foundry, and weighed ten pounds. Without question it was cast iron, most likely from auto engine blocks. This ball fell 2000 feet in 10.5 seconds. In comparison, the balls used in test 3 (fig. 3) and test 5 (figs. 6,7,8.) were ball bearings salvaged from the Great Northern Railway. They were 1.5 inches in diameter and were composed of a high valued hardened nickel and steel. Though these balls weighed much,



much less than the iron balls we used, and their densities were comparable to iron, the ball bearings fell 2000 feet in 13.7 seconds.

After further testing and experimentation our theory began to take shape. Based on results of variations of tests 7 and 8 (pages 9-11), and through ongoing follow-up tests with permanent and electro-magnets, alternating currents and direct currents, we discovered how to produce an abundant, uncontrollable flow of gravity A and B. We thereby concluded that the repulsive force is directly proportional to the permeability value of the falling body times the total mass value, so that $Fr = um$, where Fr = force repulsive, u = permeability, and m = mass. This of course is stated in the simplest of terms, for as we take into consideration the many integral functions such as velocities, rotation rates, gravitational fields involved, and the specific magnetic fields the falling body is passing through, the mathematical functions take on levels of complexities which cannot be properly addressed in this short paper. Even so, it should now be apparent why a falling body with a high permeability value accelerates at a much lower rate than a body of identical size and weight but composed of an element with a low permeability value.

After countless failures, our team in 1980 built and tested a gravity generator to check the validity of our application of the theory of falling bodies to solar structure and solar power generation. It worked beautifully, producing great quantities of gravity B - the repulsive force. This theory is correct, and further research has revealed methods of controlling the output and direction of gravity B.



Project Stardust is now nearly thirty years old, and though we have repeatedly been crucified by the scientific community each and every time we've made one of our periodic disclosures,

reverence for the truth demands we say again: Galileo was incorrect; Newton was incorrect; and Einstein was incorrect. Clearly, the electron theory is wrong, and nuclear theory is very, very wrong. We have proven them invalid.

In the time of Galileo and Newton the church decided questions of nature's laws in the following manner: we believe this or that, therefore it is true. During the days of Maxwell and Faraday this mystical base had been temporarily replaced with a true scientific doctrine: it is true, therefore we believe it. One has only to examine quantum physics to understand which doctrine is currently prevailing, and if this isn't corrected, and quickly, the planet earth and all her inhabitants will pay the price for man's transgressions against the laws of nature. We have warned of the results to expect as nature seeks to balance cycles disrupted by the applications of the electron and nuclear theories, but the warnings for the most part have fallen on deaf ears. The prevailing attitude is: we believe everything is alright, and therefore there is no problem. To this we say - blind faith is blind. It's time to open your eyes and act, for time is short.



Zirbes Enterprises

Supplement

Beyond the Ionosphere

Existing around earth (and all planets) is a neutral belt of radiation. Measuring from the equator of earth outward, the outer edge of earth's belt is approximately 40,000 miles high, and under normal conditions would be roughly 100 miles thick. The "layers" of this belt are "locked" into existing shells of the earth's magnetic field. This belt acts to shield the earth from energy generated by the sun (see segment four) in that it offers a resistance to the neutral solar radiation, thus slowing its velocity. Some of this solar radiation is slowed enough to become mass, and is "trapped" within the belt. Each layer of the belt will tend to accumulate a given sized particle : finer particles will be found closest to the outer layer of the belt: larger particles in a layer closer to the inner layer of the belt.

Once converted to mass, all particles seek to stabilize into systems. The fine particles in the outer layers of the belt are not yet assembled into systems, and are therefore neutral, and will be repelled from the north and south poles of the earth. Their velocity is great, and they continue their motion, but now they're held within a layer of the belt and so instead of moving in their previous direction, are now confined to moving along the length of the belt. As they approach one pole in this journey, they are repelled, and so reverse direction. As they then near the opposite pole they are again repulsed, and again reverse their direction of motion. This movement occurs at a



tremendous velocity, and the repulsion by the poles ensures the continuation of the oscillation of these fine particles back and forth along the length of their particular layer of the belt. Their velocity remains fairly constant, being very near .9 times the velocity of light, but even at this velocity assimilation of particles through collision occurs, and these very fine particles begin to assemble into minute systems of particles.

Once a particle joins other particles and creates a system, it is no longer neutral, and now begins to respond to the gravitational attraction of the earth. This attraction encourages the new system to filter through to a lower layer of the belt, closer to earth. The new system now carries an electrical charge, but it is so minute as to be a negligible factor, and oscillations along the length of their present position within the belt continues, but the velocity will have decreased somewhat. This weight gain and subsequent reduction in velocity allows for more rapid assimilation into larger and yet larger systems of particles. With each increase in weight (i.e.: additional mini-systems added), the developing system of particles will be more responsive to the gravitational attraction of earth, and will filter through subsequent layers of the belt, moving ever closer to earth as the system develops into a more complex system.

By the time the original fine particle reaches the layer of the belt nearest to earth, it is a member of a complex neutron or proton system, and has undergone a dramatic reduction of velocity during its passage through the layers of the belt. Proton systems will be attracted to the north pole, while neutron systems will be attracted to the south pole. As they

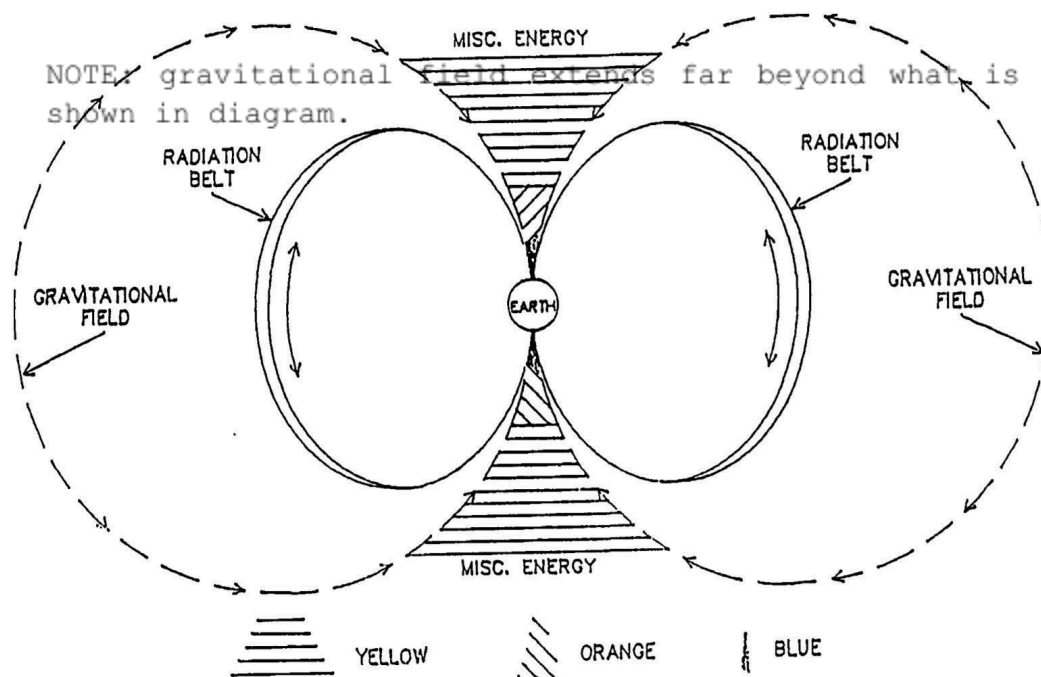


move toward their respective attracting pole along this final belt, some will find that their weight and slow velocity can no longer resist the gravitational attraction of the planet as a whole. These systems will then leave the belt at some point along its length and will spiral earthward, where they will continue their assimilation with other systems of particles, eventually forming atoms and then ever more complex structures.

Other systems within the belt proceed toward their attracting pole, and their velocity once again increases as they near the pole and feel the attraction grow stronger. At this point it must be recalled that every falling body experiences a flow of energy whereby energy is extracted at the leading edge of the fall, cycles around the body (creating the gravitational field), and then re-enters the body as input energy. During this cycle many different energies join the flow (both polarized and neutral energies from various sources) and are carried along to ultimately approach a pole area. As this energy approaches a pole it begins to lose velocity, and any neutral energy within the flow polarizes. This loss of velocity occurs because of the extreme congestion within the narrow corridor leading to a pole, which must accommodate energy input from the gravitational field cycle, mass from the radiation belt, and energy input from other sources which are too numerous to be discussed at this time. This corridor is therefore an area of high turbulence, as input energy from all quarters converges here. While neutral energies from the gravitational field are slowing and polarizing, mass from the radiation belt is speeding up, and most of it will convert to energy. Collisions are ongoing, as all of the input is compressed into this relatively small area - still miles above the earth's atmosphere.



For the sake of clarity this re-entry will be described in terms of undergoing three different phases. In reality however, it should be realized that re-entry happens very quickly, and one phase blends into the next - none are completely distinct and separate from the others. The general positions of energies during these three "phases" of re-entry are shown in figure one.



During the first phase (yellow), all of the input energies begin to converge as they approach the corridor, and neutral energies begin to polarize. At this point the energies, if measured, would prove to be of very short frequencies, invisible to the human eye. Phase two (orange) finds all of



this polarized energy jammed into the narrow space of the corridor proper, where it encounters the input from the radiation belt which is accelerating and forming into short frequency energy. During this phase the short frequency energies from these two sources (and the misc. sources) begin to "bump" into and join with one another, forming longer frequency energy, which comes within the spectrum of light visible to the eye. On earth we have named phase two the aurora borealis, whose presence depends upon the sized frequency being formed, and whose intensity depends upon the amount of input energy being introduced. As this energy now nears the outer atmosphere in its third phase (blue), it encounters additional resistance from mass contained therein, which slows the energies down a bit more. This results in a combining of the mid-sized energy frequencies into yet longer frequencies which again move out of the visual range, causing the aurora to seem to "disappear". The polarized energy then enters the earth to fill the void caused by the extraction of energy, and the cycle continues in perfect balance indefinitely, or until it's disrupted forcibly by outside interference, as has happened in the case of planet earth.

Until the first nuclear war in the mid 1940's, the radiation belt surrounding earth functioned perfectly - as just described. For the next decade bomb testing continued, as man played with his new toy - fission. When Dr. Van Allen undertook to measure the radiation belt, he discovered there were two belts surrounding earth, and made public his findings. Murmurings among the technicians involved with the project caused concerns that the lower belt may be the result of nuclear fission debris.



Perhaps to still rising doubts about nuclear fission and fusion, a project code named Argus was carried out in Aug.-Sept. 1958, where three hydrogen bombs were exploded in space beneath the lower area of the Van Allen belts. The project itself was top secret, but its effects were not. The fused material produced by these explosions was of course very heavy as compared with other fission produced material within the belt, and so it settled in at a lower layer of the magnetic field which had previously been void of debris. Being so near earth and very heavy, this fusion debris was very rapidly channeled back into earth as input. Atmospheric scientists who knew nothing of Argus detected great streaks of lithium in the especially brilliant aurora borealis which occurred on the heels of Argus. Puzzled and fearful, these scientists quickly announced that there was severe fusion occurring in the radiation belt. News of Argus did not come to light until some years later, and is still shrouded in some mystery. Two of the most obvious questions which remain to be answered are, why did they do it, and so they yet realize how very close they may have come to fusing the entire radiation belt and setting off a reaction which could have fused the oceans of earth ?

In 1962, the scientists involved with the space and nuclear programs again measured the radiation "belts", but now found there was only one huge belt, some 35,000 miles thick. It was loudly proclaimed that Van Allen had been incorrect in his measurements, and that he'd mistaken the one large belt for two separate belts. Van Allen was correct. At the time he took his readings there were two belts - one natural and one (the lower) unnatural - full of fission debris. By 1962 the large area between those two belts had been filled in by the vast amounts of fissioned material produced on earth, which then spread out



around earth - each different particle finding a niche (layer) within the magnetic field suitable to its particular weight and/or stage of assimilation. The very lowest layers were

now also filled in, but these contained fused material created through hydrogen bomb testing. These are very heavy (and close to earth) being more fully assimilated, and contain more complex systems - including basic elements and some simple compounds. Figures two-five attempt to show the stages in the deliberate and ongoing destruction of earth's protective shield, the radiation belt.

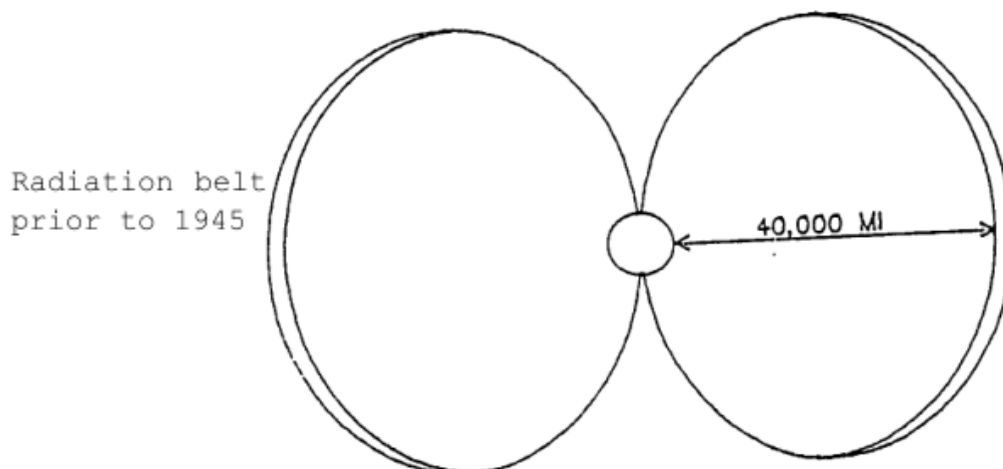


fig. 2

By 1958 there
are two belts:
One natural,
and the lower
filled with
fissioned
debris

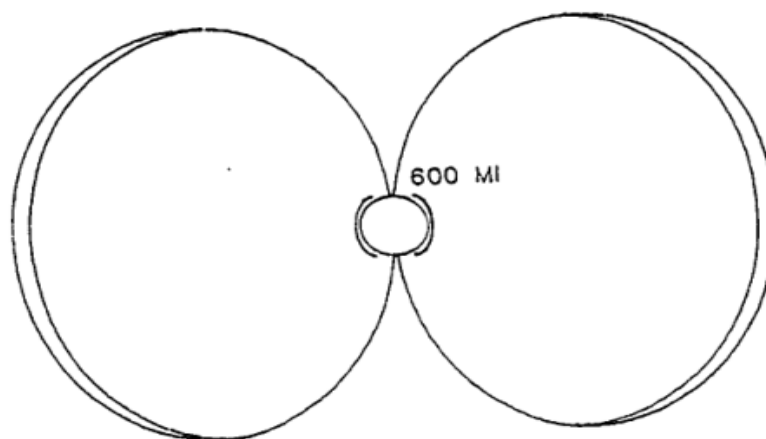


fig. 3





By 1960 (after Argus and testing programs), the lowest belt had formed, filled with fusion debris.

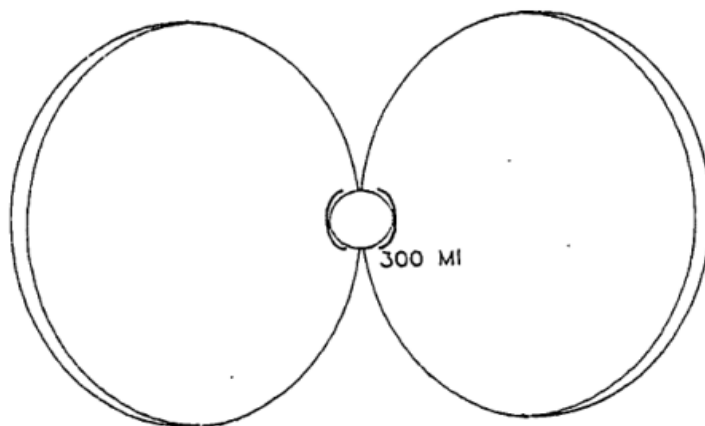


fig. 4

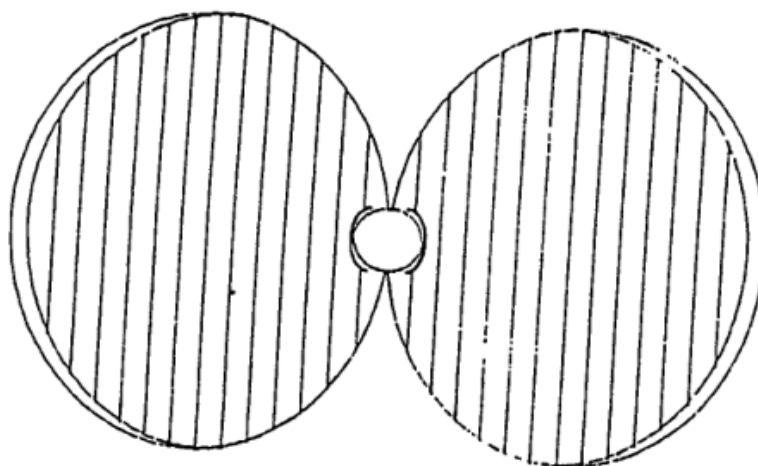


fig. 5

When measurements were taken again in 1962 it was found that there now existed only one huge belt, for by this time ongoing fission programs on earth had added vast quantities of new fission debris to the radiation belt, and the space between the natural and fission belts was beginning to fill in.



Today, thanks to the efforts of university teams and other research facilities, the presence of nuclear debris at least in the lower belt is grudgingly admitted by our nation's "responsible" agencies to be the result of the nuclear programs, but concerns for this fact, if any exists, are brushed aside with the old "catch all" argument that nuclear energy is a natural energy. This argument continues on to assure any citizens who are aware enough to be concerned that since fission and fusion are nature's favorite tools, that nature also has built-in mechanisms for balancing out little problems like debris in radiation belts. We fully agree that nature will restore balance, but it will not be in the quiet manner our very learned leaders expect. Nature is about to begin making a great deal of noise, and this brings us to the subject of how restoration of balance will be achieved.

NOTE :

To facilitate this discussion, the overlapping sections of the radiation belt (fig. 5) will be spoken of as though they were three distinct belts.

All three sections of the radiation belt (natural, fission, and fusion) contribute constant input to the pole areas. Earth has no mechanisms for regulating the flow, relying completely on a balanced system (and balanced input), so when the system is not balanced, earth must continue to accept all offerings. Due to the existence and constant input of the unnatural belts the corridors leading to the poles are highly congested (as are the belts themselves) and velocities are reduced. Lesser velocity and more collisions allow many of the protons and neutrons from the natural and fission belts to begin assimilation into more



complex systems even before their arrival in the corridor. This additional weight coupled with a further reduction in velocity upon entering the tightly packed corridor prevent many of these systems from converting to energy. Instead, they will collide with similar (highly isotopic) systems in the corridor and continue assimilation with these systems. Many are still incomplete when they reach the earth's atmosphere, but others have managed to assimilate into simple elements, notably forms of hydrogen. These elements are formed under unnatural, extreme conditions, and investigation would reveal that super heavy, abnormal forms of hydrogen are entering earth's atmosphere from these corridors in a steady stream.

While the natural and fission belt inputs are building elements, the heavier, more complex systems from the fusion belt enter the corridor as low velocity, "fused" elements in a highly unstable state. Here they also collide and assimilate with similar systems and form ever more complex systems, including helium, lithium, and beryllium - many of which will also be abnormally heavy, strange elements.

The remaining input from the belts which are not sufficiently slowed to have achieved any great degree of assimilation will be the most easily converted to energy when struck by incoming (gravitational cycle) energies. These energies will then follow the same process described earlier - polarizing, forming frequencies, and joining the other quantities and forms of input in producing spectacular lithium and beryllium streaked auroras.

When these isotopic systems, elements, (and compounds) enter the ionosphere, they collide with the many elements and



compounds already present in great abundance, and continue assimilation - forming more complex fluorine, neon, and chlorine (etc.) systems. These chemicals are bombarded constantly by both incoming and by outgoing (fission released) particles exported from earth (see segment three).

The net effect of this extreme disorder is an ionosphere experiencing ongoing and abnormal chemical reactions which result in the creation of negative plasmas, fusible hydrogen, and destructive elements and compounds. As long as fission and fusion continue to be the favorite toys of earth leaders, the turbulence in the ionosphere will continue to become progressively worse.

All of this extra input also affects the corridor itself, which is important because it is causing the corridor to warm. As the temperature within this great avenue rises, so also will the temperature of the atmosphere through which it passes begin to warm. The land mass below cannot fail to follow suit as- this process progresses, and the cumulative effect of this overall warming will force the ice caps to begin to melt. If this is already being noted, expect it to become exponentially more rapid as earth's cycles become increasingly perverted.

In the past we've tried to show the great interrelation between the major cycles of earth, and their control over all other minor cycles. The overriding cycle is the input/output cycle which determines the gravitational field (and hence repulsive force), this rotation rate, and the value of the magnetic field. Its importance therefore cannot be overstated. It is this grandfather cycle - the basic foundation of all other cycles - which is being directly attacked by fission and



fusion. Until only recently the observable effects of this destruction were small, seemingly unrelated warning signs - easily rationalized. Now, however, earth is approaching a critical juncture where rationalizations will no longer satisfy anyone.

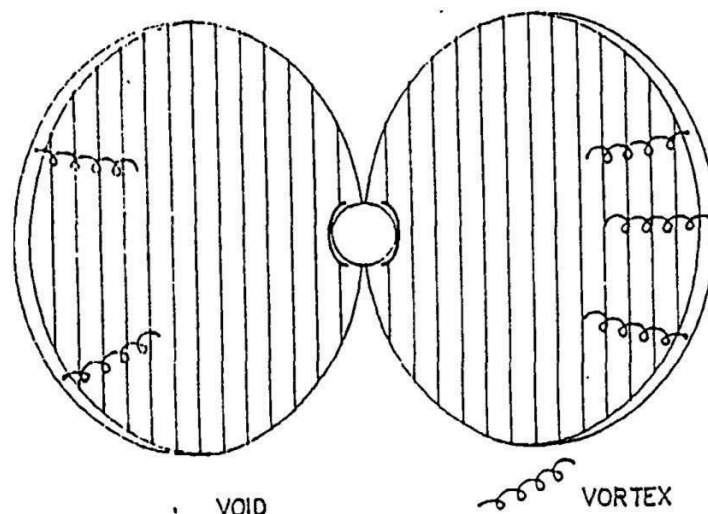
Once fission or fusion disrupts an atomic system, releasing unstable particles, we are saddled with them indefinitely, for they seldom escape earth's gravitational field (bubble). Those that were not repelled back to earth, picked up by the radiation belt, or settled in at the poles, have joined the flow of the gravitational field cycle, and now also return as extra input energy. At this most critical juncture we face a situation where the radiation belts are full, the gravitational flow is overloaded, and the corridors can no longer maintain any sort of order. Meanwhile, earth operations continue unabated, pumping tremendous quantities of yet more of these particles into an already dangerously overloaded system. The result is clear - our foundation has begun to crumble.

In the past we've spoken of changing weather, greater volcanic and earthquake activity, ionospheric disruption, and hydrogen fusion implosions (etc.). Now, disturbing as it is, we must expand further to explain the future manifestations to expect from within the radiation belts themselves as they seek to maintain some sort of balance. Once again, these actions will be progressive in that at the outset the effects will be puzzling, but will be rationalized away. As the process continues, however, it will not only accelerate effects previously discussed, but will ultimately come to overshadow other consequences of fission and fusion in the minds of all, for these actions will not only be highly visible, but will also be deadly. Our team does not have



access to data which would allow us to predict when these reactions will commence or how quickly they will pass from one level of intensity to the next, but we can attempt to show what will inevitably occur and why.

More and more accumulation of mass within the three sections of the radiation belt translate into progressively lessening velocity of the mass therein. When the input corridor reaches full capacity, a further loss of velocity is experienced within the belts, as mass becomes "backed up". Low velocities and dense concentrations are perfect conditions for rapid assimilation of particles into systems, and of systems into more complex systems. Each assimilation requires energy, which in a normal belt would be provided by the outward flow of extracted energy. In the case of our unnatural belt, the flow of extracted energy can never hope to keep up with the demands of the abnormally rapid assimilation. Even, due to the conditions within the belt and nature's demand that balance will replace imbalance, this mass must continue assimilation. The net result is that as developing systems arbitrarily use up all available energy in the vicinity to achieve assimilation, energy voids are being created within the belt. Nature cannot tolerate such a destabilizing void - balance must be restored - and so energy contained within a lower layer of the belt "feels" the upper level void, and rushes to fill it. See figure six.



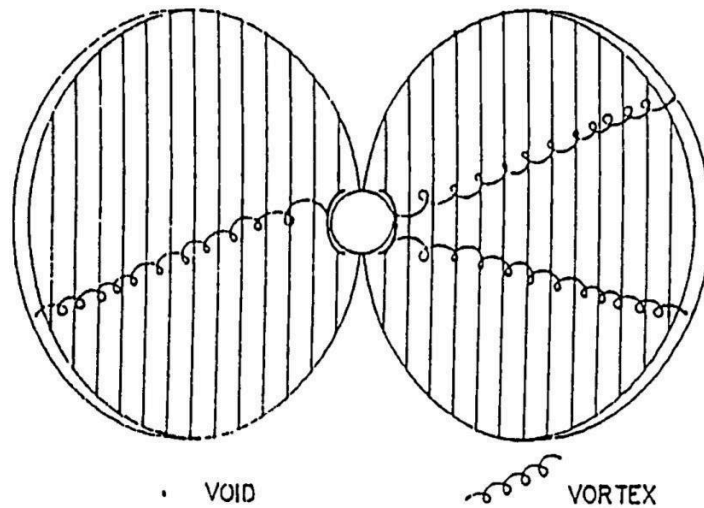
Such reactions do not occur in a natural radiation belt, where assimilation is gradual and orderly, but the radiation belt surrounding earth no longer even remotely resembles a normal belt. Continued input of fission/fusion debris from earth assures the progression of this abnormal cycle, whereby velocities will become further reduced, assimilation more rapid, and energy voids larger. What will begin as movements of energy from one layer to the next will progress until huge vortexes of energy are rushing through dozens, and then hundreds of layers to fill upper level energy voids.

To begin with, this movement of energy will be detectable only as increased turbulence, but as the movements begin to span multiple layers of the magnetic field, more visible effects will occur. When a magnetic line (shell) of force is sheared, the energy contained is released at the point of breakage. The manifestation of this released energy is generically labeled "lightning" (current theories which attempt to explain the



origin of lightning are silly and explain nothing). Lightning can and does occur in the absence of an atmosphere, and will be seen to also occur in the radiation belt when large vortexes of energy begin to make huge plunges - shearing the magnetic lines of force through which they pass.

It doesn't take a great intellect to understand that as energy moves from one layer to fill a void in a higher layer, that an energy void will be left behind, needing also to be filled. Energy within a yet lower belt will then "feel" this void and will surge to fill it. Eventually, as the belts fill up more and more and velocities become ever lessened, these reactions will reach frightening proportions - spanning the entire width of the radiation belt. See figure seven.





When the inevitable moment arrives and even the fusion belt is tapped to fill an upper level void, earth will be directly affected, for a void in the lowest layers of the radiation belt can only be filled by tapping the energy output of the planet below. Extracted energy from earth is radiated from most of the planet's surface (save the pole areas), but the output is not uniform - some areas radiating greater quantities than other areas. At this point we must digress for a moment to explain one of the specific details not previously discussed, and show what is meant by a "focal point", for these areas will be the first to be tapped to balance fusion belt energy voids.

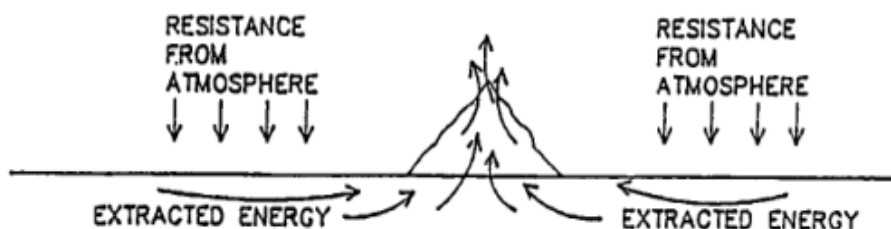
The largest quantities of extracted (neutral) energy are found along the leading edge of earth's fall, as shown in segment two (note: if earth were not tilted on its axis this line would be the equator. As it is, a few simple calculations will reveal the exact position of this line at any given point in earth's orbit). One of the properties of neutral energy that is identical to other energies is its tendency to follow the path of least resistance, which means it can be conducted.

As this neutral energy leaves the central section of the body earth and approaches the outer surface, it feels the slight resistance offered by earth's atmosphere. If there is no ready alternative to this path, the energy will flow through the resistance, experiencing only a very slight loss of velocity. If, however, there is a pathway of lesser resistance in the vicinity, the neutral energy will have a natural tendency to flow towards it. All energy from the area surrounding such a point of lessened resistance will therefore be drawn to it, creating a focal point of extracted energy. An excellent example of such a natural focal point is a mountain, which



possesses a broad base and a graduated incline. Figure eight illustrates this phenomenon.

fig. 8



Tall buildings on a flat plain, ships at sea, and islands are other examples of natural focal points, and any of these structures which reside on or near the leading edge will be the strongest radiators of extracted energy anywhere on earth. Therefore, when the moment arrives when an energy void appears within the fusion belt, it will be these focal point areas along the leading edge which will "feel" that void, and will rush to fill it. Rapid movement of energies that normally leave earth at a gentle, regulated pace disrupt balance, and when nature's cycles are tampered with, consequences follow.

As these events begin to occur, subsequent reactions on earth will vary somewhat depending on the location of the focal point affected, but amid all of the variables a definite pattern will emerge. When a vortex of extracted energy detects a void in the fusion belt, it will sweep up and carry surrounding atmosphere with it into the fusion belt. This upward rush of air will cause a low pressure zone to be left in its wake, which must be



stabilized. Air from the immediate vicinity will join with ionospheric O^3 and move in to fill the gap, creating high winds and great turbulence. As the area stabilizes, the O^3 will again rise to its original position, but leaves behind foliage and wildlife damaged by over exposure to this gas. As these reactions become more and more regular, plants will slowly smother and die.

Atmospheric gasses carried to the fusion belt will create a high pressure zone there, so that when a low pressure zone is "felt" below, these gasses will return to balance it. When it does return; it is most likely to be in one of two forms, depending on its moisture content at the moment it was swept away. Air carried to the fusion belt will have undergone rapid cooling upon its arrival. If this air was relatively dry, it will be most likely to return as snow. If it was very humid it will be more prone to latch on to systems within the fusion belt, freeze, and return to earth as radioactive hail. This process is illustrated in the following series of drawings.

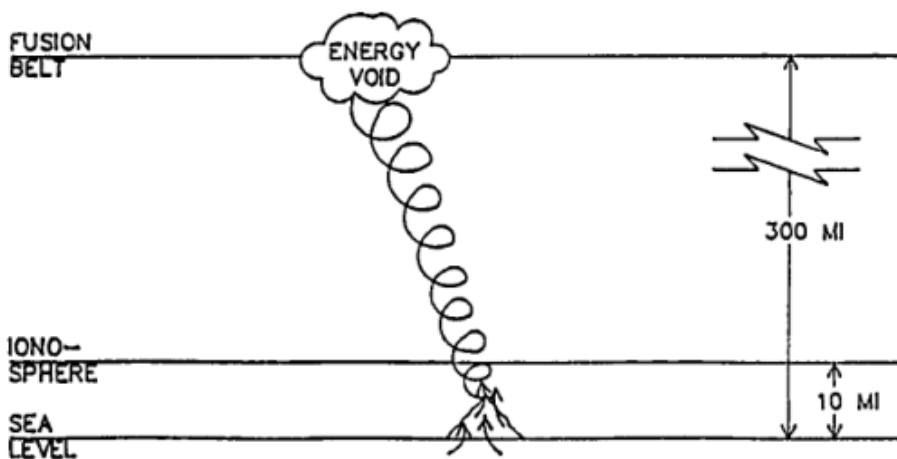


fig. 9

Focal point energies feel fusion belt void and move to balance it.

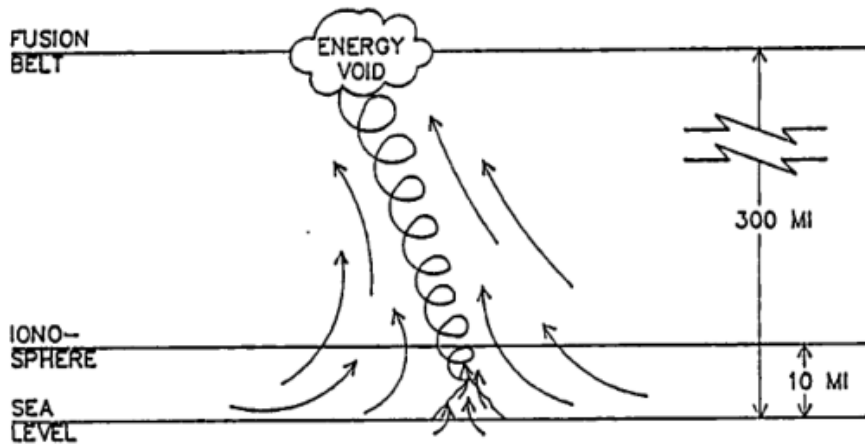


fig. 10

Surrounding atmosphere is dragged with the exiting vortex into the fusion belt.

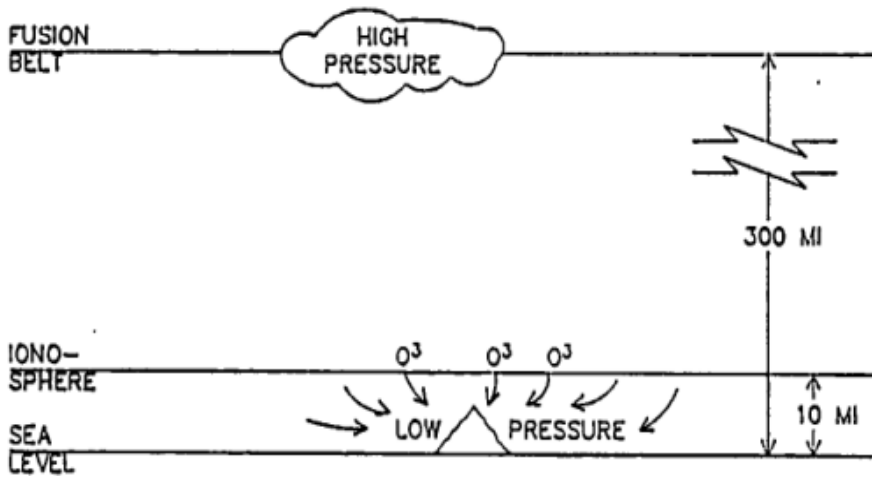


fig. 11

O³ and nearby atmosphere rushes in to balance low pressure zone left behind.

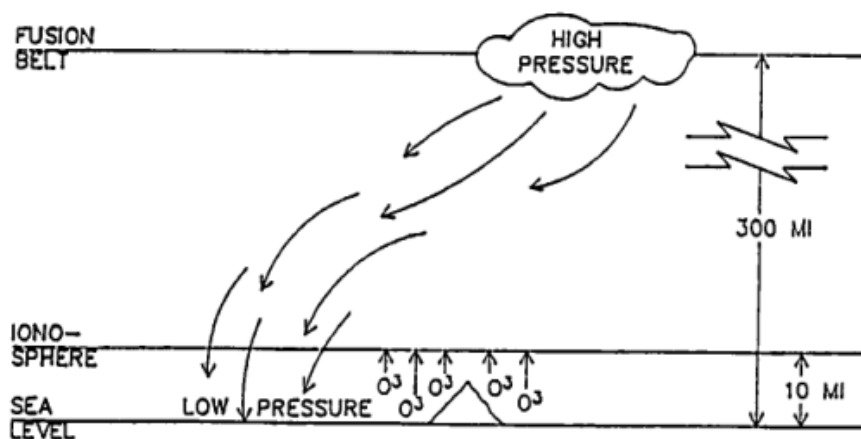


fig. 12

High pressure in fusion belt detects low pressure area somewhere below and returns to fill it, bringing snow AND/OR radioactive hail.

As the radiation belt struggles to accommodate more and more nuclear debris and at the same time attempts to adjust to an ever accelerating energy exchange cycle, these reactions on earth will become increasingly violent. Focal points along the leading edge will have greater energy demands placed on them, and energy vor-texes leaving earth will become larger and more energetic. When these huge vortexes surge toward the belts, they will be powerful enough to shear the lines of magnetic force in their path, creating gigantic lightning displays accompanied by literally deafening claps of thunder. Winds near focal points will reach hurricane proportions, with resulting hail (or snowstorms) of equal or greater ferocity. By the time conditions have reached these proportions in the primary risk areas, focal points farther removed from the leading edge will have begun experiencing the initial phases of this phenomenon, as described earlier and illustrated in figures nine through twelve. Progression of this cycle will yield more of the same - only in greater proportions. As exiting vortexes grow ever



larger, reactions will simply become more intense, destroying all life within greater and greater areas surrounding focal points. These very large vortexes will easily and regularly trigger avalanches, mud slides, and the like, and as always, focal points farther removed will be but one step behind these leading edge reactions. Before long, nuclear reactors (which also radiate vast amounts of energy) will begin to be tapped to fill radiation belt energy needs as well.

Vast exits of energy from earth to the belts will leave behind energy voids within the focal points themselves, which nature cannot and will not tolerate. To fill these voids, energy from deeper within the planet will move quickly to restore balance. This rapid, abnormal rush of energy will set off interior, physical vibrations - triggering earthquakes of ever greater magnitude as the process continues. To balance these interior energy voids earth must take in more energy at the poles. It isn't difficult to see that this will compound the problem, creating even stronger focal points more sensitive to energy voids within the radiation belt, which will in turn accelerate the exodus of energy from earth. A greatly accelerated input will also cause interior temperatures to rise near earth's core. At first this temperature change will be manifested on earth's surface as "hot spots" (example: El Nino) followed by overall ocean warming, more severe and abnormal weather, and the re-activation of formerly "dead" volcanoes. Energy voids within nuclear reactors and the surge of interior energy seeking to fill those voids will make nuclear meltdowns more and more commonplace occurrences. The final stages in this particular process will witness these exiting vortexes dragging earth's atmosphere deeper and deeper into the radiation belt to



fill more upper level energy requirements - ultimately carrying it so far distant that it cannot return in any form.

The last gasp of life on earth will be a horrible event, but for better or for worse, not many of us will be alive to witness the demise of our world, because if (or when ?) we arrive at this point, the inhabitants of earth will have simultaneously been attempting unsuccessfully to contend with a less visible but in many ways more dire consequence of an accelerated energy exchange cycle. It is this larger question to which we will now direct our attention.

It's common knowledge that earth experiences an annual "wobble", but there is little agreement and a lack of logical theories as to the reason why the earth wobbles. Without going into laborious terminology, we could simply state that the wobble is due to the dynamic interaction between the sun and its magnetic field and the earth and its magnetic poles and gravitational field. Among other things, this interaction means that when an earth pole comes to face the sun, there will be a repulsion directed at that pole which will "push" that pole away from the sun to a certain (relatively small) degree. In the case of earth, the point of greatest repulsion against the South Pole occurs on and near the winter solstice, with recovery being achieved by the time of the vernal equinox, when the repulsion becomes more equally divided between the two poles. As the summer solstice then approaches, the North Pole comes to face the sun and so has the brunt of this repulsion directed at it, pushing it away from the sun while the other pole is protected. Recovery will have been achieved by the time of the autumnal equinox, when again the poles share the force of this repulsion more equally. The net result of this



interaction is a relatively small and harmless annual oscillation

of the poles around the earth's axis, or in other words, a wobble.

As the energy exchange cycle of earth continues to accelerate and earth's gravitational field as a result grows larger and stronger, this interaction between earth and sun will also intensify, causing the solstice reactions at the poles to be more vigorous and causing the overall oscillation to become progressively more pronounced. This in itself will be a minor event in that it won't even come close to causing the severe problems some of the other reactions we've discussed will cause, but it is something to look for because once it begins to be noticed it will mean that a closely related but more deadly result of an increased repulsive (gravitational) field will have commenced, ie., earth's irresistible movement away from the sun. This will not be a gentle, regulated "drift" away from the sun, but rather will manifest as a "see saw" motion which will be accompanied by a full spectrum of resulting upheavals on earth's surface.

As the earth's repulsive force becomes stronger it will react against the center of its primary gravitational field, the sun. This repulsion will be more abrupt than gradual due to the abnormal condition of earth's cycles, the result being that earth will push itself further outward than the strength of its repulsive force can long maintain. The sun's attraction will at this point again be felt strongly enough to "pull" earth back toward the sun, where the abnormally strong repulsive force of earth again over compensates in its push away from the sun.



This back and forth motion will be ongoing, so that from a vantage point in space earth will appear to stagger in her orbit around the sun, and this swaying motion will become progressively more violent as long as earth's cycles continue their deterioration.

The combined action of these two motions will cause the leading edge of earth's fall to adjust continually as the position of the planet in relation to the sun changes. This means that the areas of energy input on earth will also be forced to adjust in order to remain the prescribed 90° from the leading edge. As the input areas (poles) change position, the ionospheric holes will follow, exposing large and varying surface areas below to dangerous ultraviolet radiation. Besides destroying any remaining vestige of normal weather, a constantly shifting leading edge will result in the creation of focal points of extracted energy in areas which were previously relatively safe from interactions with the radiation belt (as described on pages 11-14). As always, we can expect this process to be progressive.

We've attempted to show the interrelation and interdependencies between the major cycles of earth, which it should be realized, earth's close companion, the moon, also experiences. Step by step we've also attempted to show what happens to fission and fusion released particles, which move out in all directions ranging in the spectrum from those that move inward, toward the earth's core, to those that are so energetic that they escape to the outer reaches of the earth's gravitational field. These two extremes do not account for the bulk of the particles which concern us however, as the vast majority are radiated outward but do not retain enough velocity to escape too far, but



instead accumulate at a pole, are picked up by the radiation belt, or encounter the highly positive incoming solar radiation which repels them back toward the earth. As previously explained,

when we speak of negative vs. positive in relation to these energy particles it is a relative situation, for single particles are neutral - it is their relative size which determines which energies a given particle will repel or be repelled by. In this sense then, fission released particles are very negative in respect to the natural extracted energy of earth, and are even more negative in respect to solar energies. Even though these particles will also be negative in respect to the natural extracted energy of the moon, the repulsion offered by the smaller energies (bubbles) produced by the moon is much less than that offered by earth and the sun. This encourages the fission produced particles which have escaped through earth's radiation belt to accumulate in the vicinity of the moon - most particularly on the dark side of the moon, where they are shielded from the repulsion offered by both sun and earth. We will now briefly discuss the effect of those particles which find safe haven near the moon.

Like earth, the moon has no mechanism for refusing input energy, and so has and will continue to take in fission released energies as input, which must then exit as extracted energy. More energy in equals more energy out, resulting in the construction of a greater gravitational field. A greater gravitational field about the moon will cause that body to repulse itself more vigorously from earth, which of course represents the center of the primary gravitational field through which the moon falls. Meanwhile, a stronger



gravitational field about earth will heighten it's attractive force toward all bodies existing within its gravitational field, notably the moon. The effect of this "tug of war" will be nearly identical to the abnormal interaction to be expected between earth and sun, ie., the moon will begin to "stagger" in her orbit of earth, for the same reasons as described in regards to the earth/sun relationship. Many effects from the moon's see-saw orbit will be measurable, but the most visible will be the negative effect on earth tides, which will be most especially noticeable and dangerous during periods when the moon draws abnormally close to earth. During periods when the moon is positioned between earth and sun the danger will be most acute, for at these times the moon is always under great pressure. Being fully exposed to the gravitational attraction of the sun, she will repulse herself more strongly from the sun, and the stronger her repulsive field is, the more vigorous will be the repulsion. This, however, will force her closer to earth, where the ever increasing strength of her gravitational (repulsive) field will have disastrous consequences for all coastline areas. As earth and moon cycles become increasingly unbalanced, tides will begin to resemble tidal waves, and coastal dwellers will be forced into regular evacuations until finally there is nothing left to return to.

This paper represents our last planned effort, although we stand ready to answer any questions the reader might have. Throughout, we've done our best to present a glimpse of this planet's future, and taken as a whole, this work gives the reader at least an idea of what to expect and why to expect it. Truly, the proverbial eleventh hour has arrived, and the clock is ticking.



Reflection on our outreach attempt of the last year and the apathy encountered at every turn - with so few notable exceptions - leaves a sense of acute weariness and a feeling that the vast majority of human beings are content to remain insulated in their own small world, where they struggle to maintain at least a degree of control and order, and it seems clear that until the crisis this planet faces intrudes directly into that small world, there are few people who will show any great concern for the larger questions and the fate of a world they will not live to see. For those notable exceptions whose concern extends beyond the immediate and into the future, this final paragraph is reserved.

Ultimately, if nothing is done, this planet will be void of life, and though none of us will be alive to witness the final death rattle of earth, the event will occur in one of two manners. In the more optimistic scenario, earth will simply continue to deteriorate and drift farther away from the sun until all but perhaps the lowest forms of life run out of food and perish. Earth will eventually find a new orbit and stabilize, but it is highly unlikely that higher forms of life would ever again evolve in such a hostile environment as will exist on earth far from the sun. However, it is much more likely that, given the erratic thought processes of earth leaders, that an action reminiscent of the insane rationalizations which allow projects such as Argus to be undertaken will trigger a series of hydrogen implosions, igniting the atmosphere. Such an uncontrollable chain of fusion reactions would consume all available energy, which means the gravitational field of earth will be destroyed, as this field represents the only ready supply of the vast amounts of energy which would be required. Without a flow of energy through the



body earth, the magnetic field cannot exist, and lacking any sort of repulsive force, earth will have no resistance to offer against the enormous attraction of the sun, and will begin her fall toward that body. Admittedly, the chances are slight that earth would, in such an event, strike the core of the sun,

but it is possible, and so deserves mention. If earth were to strike the core of the sun it could cause the sun to split, in the same manner that a neutron which strikes the- center of an atom can split that atom. If the sun were to split, the solar system as we know it would cease to exist, and potential havoc created by the fission of our solar system within the galaxy in general cannot be underestimated or taken lightly. There could be a great deal more at stake here than our small, rather insignificant world, and we'd better think about that very carefully as we weigh our choices. Our team has done what we could, and at present have no firm ideas as to what our next attempt should be. We know what needs doing in the way of development of technologies, but it's impossible for us to accomplish this anytime soon without help. At this point then, all we can really do is ask that each person receiving this material try to pass it along. Perhaps in this way a team can eventually be formed and work can proceed. Until such time, if there are any questions, we will be pleased to answer them.

Project Stardust Team Lloyd
B. Zirbes, Director
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